

# Flying Saucers

## Uncensored

By Riley Hansard Crabb

A Publication of:  
Borderland Sciences Research Foundation  
PO Box 548, Vista, California 92083

## FLYING SAUCERS UNCENSORED

By Riley Hansard Crabb

This is the seventh of a series of probing discussions of the modern phenomenon which will not die, though the U.S. Air Force has been hope-fully trying to bury it since the first flurry of UFO sightings in June 1947. The periodical bursts of sightings, at odd times and places, all over the world, show a power and purpose behind these visitations which defy the authorities. Instead of explaining them away, let us try to explain them with a brief look at the following subjects:

|  |    |
|--|----|
| 1. The Apple Valley Sighting, Dec. 15, 1954. . . . .   | 1  |
| 2. How to Break the Silence Policy . . . . .           | 3  |
| 3. The Chiles-Whitted Sighting, July 24, 1948. . . . . | 4  |
| (Illustrated)  |    |
| 4. The Rex Heflin Sighting, Aug. 3, 1965 . . . . .     | 7  |
| (Illustrated)  |    |
| 5. What Says the Inner Circle? . . . . .               | 10 |
| 6. The Philadelphia Cops' Story. . . . .               | 11 |
| 7. UFO Landing at Spitzbergen, Norway. . . . .         | 13 |
| 8. UFO Landing at Edwards AFB, 1954. . . . .           | 14 |
| 9. Air Force Drive on Contra-Gravity . . . . .         | 18 |
| 10. Magnetism vs. Gravity, M.K. Jessup. . . . .        | 19 |
| 11. Contra-Gravity by 1970! . . . . .                  | 20 |
| 12. Breaking the Understanding Barrier. . . . .        | 23 |
| 13. The 4-D Explanation of UFOs . . . . .              | 25 |
| 14. The Seven Physical Sub-Planes . . . . .            | 28 |
| 15. Vortexian Physics . . . . .                        | 30 |
| (Illustrated)  |    |
| 16. The All-Pervading Ethers. . . . .                  | 34 |
| 17. Mind Over Matter. . . . .                          | 37 |
| (Illustrated)  |    |
| 18. Change Time and You Change Gravity! . . . . .      | 43 |
| 19. Jessup from Venus Etheria . . . . .                | 46 |
| 20. Lao Tse from the Astral Plane . . . . .            | 49 |

\* \* \*

For a full listing of Mr. Crabb's other talks on UFOs, and of other BSRF publications, tapes and 35mm slides, send 50¢ in coin or stamps to BSRF, PO Box 548, Vista, Calif.

92083

4-80 2-3

FACT SHEET on RILEY CRABB, Director,  
Borderland Sciences Research Associates  
Foundation, Inc., PO Box 548, Vista, Cal.

The race into outer space is an invasion of man's inner space. If this is a contradiction, BSRA will almost certainly resolve it by approaching it on the two fronts. First, BSRA has affirmed the reality of UFOs or Flying Saucers since its verification of a sighting over San Diego, Oct. 9, 1946! Second, current research and teaching conducted by the Director, Riley Crabb, is producing changes in consciousness by volunteer Associates. These are comparable to the "break off" experienced by high-flying pilots and the astronauts during weightlessness and other exotic physiological conditions of outer space. Auto-hypnosis is used, and also mechanical equipment operating in the radio, magnetic and light (color) spectrums.



Riley Crabb

BSRA is a non-profit organization of people who take an active interest in unusual happenings largely ignored by orthodox science, the phenomena of the borderland between the visible and the invisible worlds. Headquarters at Mr. Crabb's home in Vista is a clearing house for the observations, experiences and reports of the Associates. These may include UFOs, ESP, Telekinesis, Metempsychosis, Radionics, Radiesthesia, Hypnosis, Dowsing, Absent Healing, etc., and they are published in the Journal of Borderland Research, eight issues a year, 32 pages mimeo, edited by Mr. Crabb. Membership in BSRA is \$5 a year and includes the Journal. Brochures are published on borderland subjects. Mr. Crabb lectures widely on these subjects on a donation or a fee basis.

He became interested in the borderland sciences in 1934 when he discovered the magnificent metaphysical library of the Theosophical Society in Minneapolis, and tried to read through it in record time. He also did his first psychic research then with Mrs. Nellie Peyton, mystic and seer whose talents were sometimes used by Minneapolis detectives to locate lost or missing persons.

Military service took Mr. Crabb to Hawaii in World War II and he remained there for 13 years. This gave him ample opportunity to study Pagan magic at first hand with such Kahunas as Charles Kenn, David Bray, Kino Lau and others. He was given a Hawaiian name, Alapai. At his present home in Vista Mr. Crabb is friend and neighbor of Max Freedom Long, whose book "Secret Science Behind Miracles" is the standard reference work on Hawaiian healing and magic. Mr. and Mrs. Crabb moved to the Pacific coast mainland in 1957. He was soon active in the space race, working as a Visual Information Specialist for the Navy's Pacific Missile Range, Pt. Mugu, California. In 1959 he took over as director of Borderland Sciences Research Associates at the invitation of Meade Layne, founder and first director.

## FLYING SAUCERS UNCENSORED

An Illustrated Lecture For  
the San Francisco Interplane-  
tary Club, Sept. 24, 1965  
by Riley Hansard Crabb,  
Director, BSRA.

Good to be back in San Francisco again for an exchange of ideas on New Age developments. Just a year ago we were here to initiate a new talk, "ESP, the Space Travel Problem". Now, within the past month there has been a new Flying Saucer flap, a rash of well authenticated sightings both here in the United States and all over the rest of the world, especially around August 3rd and 4th. So it seems a good time to put a straight Flying Saucer talk together again.

You, the San Francisco Interplanetary Club, are going to get the benefit of our Clips, Quotes and Comments on "Flying Saucers Uncensored". In this latest Saucer flap we've had those meaningless pronouncements by the authorities. These remind me of that humorous observation by a wise man a few years ago, who said, "The more I read, the less I know. Eventually I'm going to know everything about nothing!" If you do try to understand the UFO phenomenon by official releases only, this is what you'll wind up with. You won't know a damn thing about UFOs.

We'll start off with one of the best examples of this kind of official coverup. Of the thousands we have on file this is one of the best, by Hart T. Goodman, on Dec. 16, 1954. He had been a B-29 pilot for the Air Force in World War II, which puts him in the category of a professional observer of sky phenomena. He was a guest at Apple Valley Inn on the high desert near Victorville, California -- perhaps 20 or 30 miles from George Van Tassel's Giant Rock airport, and only four miles from George Air Force Base!

At sunset that night, or soon afterward, Goodman saw a silvery, torpedo-shaped object in the sky high above the Inn. He estimated the altitude at 25,000 feet. It was high enough that it could be seen easily with the naked eye, not only by Goodman but the other fifty guests at the Inn, standing outside on the veranda, looking up. It couldn't have been an aircraft or a balloon, or a guided missile, because it was perfectly motionless there in the sky, gleaming with sunset light, a slim, torpedo-shape about three times as long as a B-29 fuselage.

Finally daylight was gone even at that altitude, but the UFO was still there, easily visible, because it glowed red in the darkness. All that evening, guests at the Inn had that UFO under observation and it didn't move. Someone thought to call the authorities, at George Air Force Base nearby, hoping that Big Daddy government would tell them

what this strange object was. To their disgust, they found that the Public Information Officer at George Air Force Base wouldn't even admit the UFO was up there! The Air Force won't admit it but to make such an admission is against security regulations. So don't blame the PIO officer. He's only following orders, specifically, Air Force Regulation 200-2 of November 1953. Donald Keyhoe published the order as an appendix to his book, "Flying Saucer Conspiracy", in full. Here is part 9 covering "Release of Facts":

"Headquarters USAF will ~~not~~ release summaries of evaluated data which will inform the public on this subject. In response to local inquiries, it is permissible to inform news media representatives on UFOB's when the object is positively identified as a familiar object (balloons, astronomical objects, birds and so forth) except that the following type of data warrants protection and should not be revealed: Names of principles, intercept and investigation procedures, and classified radar data. For those objects which are not explainable, only the fact that ATIC will analyze the data is worthy of release, due to the many unknowns involved."

This UFO of Dec. 16, 1954 was not a "familiar object"; it was therefore not "explainable" by the George AFB PIO; so he couldn't even admit it was there in the sky. And while you're waiting for the Headquarters, United States Air Force, to give you intelligent, meaningful summaries of Flying Saucer sightings, you might buy and read our half-dozen lectures on the subject. We are free to analyze data and give our opinion of this modern phenomenon.

#### ON STATION ABOVE THE DESERT

When the guests at Apple Valley Inn went to bed that night the UFO was still there, glowing steadily in the darkness. When they got up on the morning of Dec. 17th that Unidentified Flying Object still was in the same place, unmoving, above Apple Valley. It stayed there until noon that Saturday. Goodman said that during the morning they could see Air Force jets flying around it. He saw one at least 10,000 feet above the UFO. The contrail was visible. With binoculars he could see Air Force planes. They certainly had plenty of time and opportunity to take pictures of it, but no one at the Base would admit that they had it under observation. With his binoculars Goodman said he could see what looked like portholes along the sides of the UFO.

Goodman returned to Los Angeles that day and got in touch with Paul Coates, who had his own radio and Television shows. Coates could not believe his story until he drove up to the Apple Valley Inn himself and talked to several people who had seen the UFO, including the Inn manager and the cook. They verified Goodman's story. Coates also got in touch with two Air Force non-commissioned officers who had been at the Inn and had seen the UFO, but when he called them at the Base they wouldn't admit anything.

Is it any wonder that people are still mystified by the subject of Flying Saucers, when they can't get any intelligent information from the authorities to whom they look for answers? In fact, the government

is perpetuating the mystery with its "silence policy". Regulations prevent any semblance of truth from being released. The Air Force officer or enlisted man who believes in regulations and is dedicated to the Service will abide by the regulations. The policy is formed elsewhere, the Air Force is merely carrying it out.

#### JUPITER FLYING OVER OKLAHOMA

It does get kind of ridiculous, as it did in August, when many people in Kansas, Texas, Oklahoma and elsewhere were seeing Flying Saucers. In response to inquiries the Air Force released the same tired old story, they were seeing the planet Jupiter, or perhaps the star Aldebaran. The director of the astronomical observatory at Oklahoma City revealed how ridiculous that official explanation of the sightings was, for Jupiter and Aldebaran weren't even above the horizon at the times of some of the sightings!

Two policemen sat in their patrol car and watched a UFO hovering over a reservoir not a hundred yards away from them. And that was the planet Jupiter? Dozens of times bigger than the earth? But this is what the Air Force Public Information Officers are told to say, and they say it, however ridiculous it might be.

#### HOW TO BREAK THAT "SILENCE POLICY"

If we are going to break this "silence policy" on Flying Saucers, we Saucer believers are going to have to go to the top! There is no use criticizing or blaming the Air Force, which doesn't set policy. Washington does. There is going to be a presidential campaign in 1968. If a few thousand of us all over the country wrote letters to the campaign managers of the candidates, and posed this question, we might get a positive answer! Is your candidate prepared -- if he gets into the Whitehouse -- to receive Visitors from outer space, publicly, if they should land in their space ships at Washington international airport? As do the official representatives of other nations here on earth?

What would or should the candidate's position be on this momentous subject? Scientists are now saying -- as Harvard astronomer Dr. Carl Sagan is saying in a current "True" Magazine story -- that our planet is visited periodically by intelligent beings from elsewhere. He says we might even have a visitation this century.

If the man in the Whitehouse has promised this in his successful campaign, then we have set up the possibility -- even the probability -- of cracking the "silence policy" on Flying Saucers. For if the President of the United States cannot change policy, who can? Or is it our responsibility as citizens of the United States to insist that our elected representatives do take a public stand on this issue. We will have to insist that our national leader not do -- as Eisenhower did when questioned by newsmen -- defer to so-called authorities who are already under strict orders to say nothing! As I recall it was at a 1954 news conference that the President was questioned directly about UFOs, and he deliberately ducked the issue by tossing the hot potatoe to the Air

Force. If any newsman present had been familiar with AFR 200-2 he could have asked the President some pretty embarrassing questions. But we cant expect any help from the gentlemen of the press. They are as appallingly ignorant of the Flying Saucer phenomenon as the majority of people.

#### THE CHILES-WHITTED SIGHTING

Some of the oldest UFO sightings are still the best. Take the hair-raising experience of Eastern Airlines pilots Chiles and Whitted on the night of July 24, 1948. Look at the blazing headline here on this Atlanta, Georgia paper, "Huge, Wingless, Two-deck Plane Proves A Mystery".

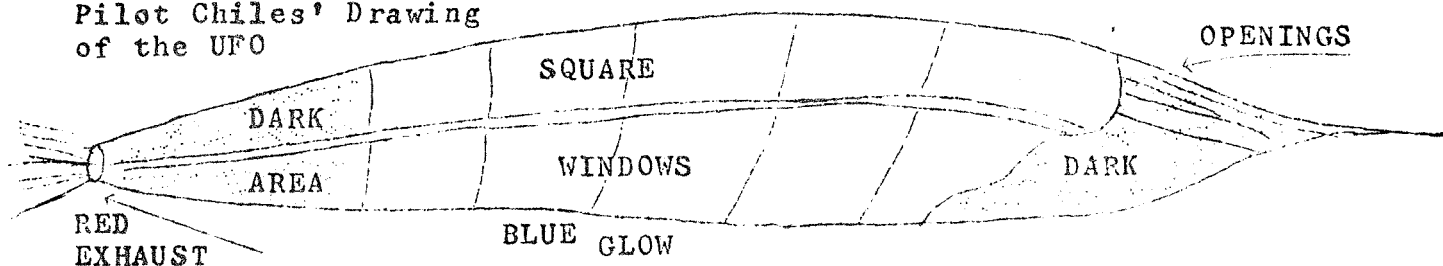
These professional aerial observers were on a regular flight from Montgomery, Alabama to Atlanta. According to the Associated Press story: "They said the strange ship shooting red flames and with a blue glow underneath the fuselage, passed their ship at 5,000 feet headed toward New Orleans. The pilots said the plane looked like a Buck Rogers rocket ship. The pilots -- Capt. C.S. Chiles and Co-pilot J.B. Whitted -- were flying the Houston-to-Atlanta-to-Boston run.

"It was in line almost with our flight," he said. "We veered off to the left as the object turned to its left. When it came nearer to us, within better sight, its fuselage appeared to be about 100 feet in length and about four times circumference of a B-29 fuselage. It had two rows of windows, an upper and a lower. Out of the rear of the ship red flames were shooting 25 to 50 feet. There was a blue glow underneath the fuselage. The ship appeared to be doing between 500 and 700 miles an hour heading toward New Orleans.

"When it got alongside of us it pulled up with a tremendous burst of flame out of the rear. The flames were so bright they blinded us for a second. Then the ship disappeared into the broken clouds. The moon was shining intermittently and the ship could be seen for a few seconds and would then be obscured. The ship had no wings. It seemed to have an upper deck and a lower deck and was fully lighted inside. We saw no occupants."

"Of the 20 passengers on board Chiles said only one was awake and saw the other ship. He gave this passenger's name as C.L. McKelvie of Columbus, Ohio. At Montgomery, Maxwell and Dannelly United States army fields said they knew nothing about the report."

Pilot Chiles' Drawing  
of the UFO



## SHIPE CHILES' OWN STORY

The drawing on the preceding page didn't accompany the news story; it accompanied Pilot Chiles' letter to Ken Arnold in Boise, Idaho written from Atlanta, Oct. 19, 1948. We have the photostats of the letter and drawing in our BSRA UFO files, sent to our founder-director, Meade Layne, by Ken Arnold. Arnold, you'll remember, became world famous with his sighting of nine Discs, flying in formation before Mt. Rainier, Washington the afternoon of June 27, 1947.

"I certainly do recall the incident of your reporting the flying discs," wrote Chiles to Arnold. "I might add that at that time I was sure there must be something to them as so many were seeing these things; I looked for them on my run, at that time it was Chicago. I was never able to see any unusual sights or objects and had dismissed the subject from my mind when out of the night came this very large wingless craft.

"The moon was shining through thin broken clouds, almost as bright as day, with the exception of a line of thunder storms some 75 miles ahead. It was a perfect night. I was watching the faint flashes of lightning, visible in them and preparing to descend to a lower altitude. I was cruising at 5000. This object seemed to come right out of the distant storms and looked exactly like a jet aircraft. This was the only remark made between Mr. Whitted my co-pilot and myself. As this craft pulled along side of us (we met) it was no mistake a giant ship, wingless, two rows large square windows, and powered by some power plant approaching that of a jet type. I will enclose a drawing that will perhaps give you a much better idea of what I am trying to say. The speed must have been near that of sound but not that of a missile, which I am told, to several thousand.

"I don't believe there was life aboard after thinking it out. I doubt if the windows we saw were actual windows, but perhaps breathers for the fire inside, which must have been the power plant. That light inside could not have been so white hot and used for illumination.

"I have been given the same thing that you fellows have from about all sources, as well as most every one thinking we were crazy; however, I can assure them I will never report an object if it follows me each trip! I was forced to leave Atlanta, my home, because of the calls, and hundreds of people wanting to see how crazy I looked. The paper carried a fairly correct story, but there was some news paper in it. ."

We wonder how many more good sightings like this, by competent and professional observers both military and civilian, have gone unreported because of the fear of ridicule and abuse. Pilots aren't talking now, for public information, and I don't blame them for carrying on this kind of voluntary censorship. Of course it serves the cause of those Washington interests who maintain the "silence policy" for reasons of their own.

Now we might take a military sighting. I think it was in 1948 also that newsman Frank Edwards went up to Alaska on a story -- not on



Flying Saucer material. At that time he hadn't paid much attention to them as news material. While he was in a restaurant near Elmendorf Air Force Base, two Air Force pilots got acquainted with Edwards and told him of their startling UFO experience and its discouraging aftermath.

#### ANOTHER JET-POWERED, TORPEDO-SHAPED UFO!

These two military pilots had been flying a training mission in the first Air Force jet trainer, the T-33. They were 30,000 feet above Alaska on a nice afternoon, in two planes. 3000 feet above them was a thin overcast of cirrus clouds. They discovered a shadow on those clouds above them. That shadow was moving along at their speed, around 350 miles an hour, and in the same direction! Talking back and forth between them on their radios they decided to go up through the overcast and see what was causing this torpedo-shaped shadow. It didn't show any wings.

When they came up through the clouds they were about two miles behind this thing, this Flying Saucer, with a jet flame at least fifty feet long blazing out behind it -- and no wings! The next thing to do was to increase their speed beyond that of the stranger, so around 400 miles an hour or better, to catch up with it for a closer look. Even as they decided to do this the UFO suddenly increased its speed to 600 miles an hour or better and left them flat.

Then these two conscientious pilots made a mistake. They returned to their base and told of their unusual experience. Air Intelligence officers had them confined to quarters and subjected them to intensive questioning for days, trying to break their story. But their story wouldn't break. Each man, questioned separately for hours, confirmed what the other said. You can imagine the effect of this criminal treatment on these sincere, dedicated men. They were angry and bitter. They told Frank Edwards that if they made any more sightings, these wouldn't be reported to the authorities! How many hundreds of first class Flying Saucer sighting stories have been lost to the authorities by this negative, character-assassinating attitude toward truth?

Here's another one from 1948, a year when military pilots were still talking freely about their very real, three-dimensional UFOs, apparently as solid as their own airplanes, but infinitely superior in performance.

#### "MYSTERY OBJECT CLOCKED AT 900 MPH BY JET PILOTS"

Mitchell Field, N.Y., Sept. 11, 1948 (UP) - "Two air force jet pilots reported today they chased a mysterious round flying object - traveling at a speed they estimated at 900-miles-per-hour - for 30 miles and couldn't catch it. Wilbert S. Rogers, of Columbia Pa., told Mitchell field authorities that he and Capt. Edward Ballard, of Dover, Del., sighted the object yesterday over Sandy Hook, N.J., while they were on a routine flight in a T-33 jet training plane.

"I don't know if it was a flying saucer, but it sure was something I've never seen before," Lt. Rogers, pilot of the plane, said. "We

couldn't have caught it in an F-86." (The F-86 Sabre jet is the United States' fastest jet fighter.)

"Rogers described the object as white or silver-colored and said it was about the size of a fighter plane. On a flight from Dover air base in New Jersey, when they sighted the object they were travelling at 450 miles an hour at 20,000 feet.

"I pointed it out to Capt. Ballard," Rogers said, "who suggested we try to follow it. But we soon found it was no use. It was going too fast."

"The object moved in an arc from Sandy Hook to Red Bank, N.J., and then headed out to sea at Asbury Park, N.J. Rogers estimated it travelled the 30 miles course in two minutes, or at a speed of 900 miles-an-hour. The U.S. air force and navy have officially said that flying saucers reported previously had been nothing more than weather balloons.

"This couldn't have been a balloon," Rogers said, "because it was descending and no balloon goes that fast. We got as close as 8000 feet from the object, which kept at a constant speed and didn't appear to be running away."

This is one of my earliest Flying Saucer clippings, taken from the Honolulu "Star-Bulletin". I was living in the Hawaiian Islands at that time. We don't get reports of these kinds of incidents today, from military pilots, and haven't for years; but I am sure such incidents continue to take place. According to the flow of reports we receive at BSRA headquarters, Flying Saucer sightings are increasing! We get bulletins regularly from all over the world -- Japan, Italy, France, South America, Australia, New Zealand. This last Saucer flap was world-wide. It wasn't just in Texas and Oklahoma and the Middle West.

#### 30-FOOT UFO NEAR OUR VISTA HEADQUARTERS

Just yesterday, Sept. 23rd, in your San Francisco papers you had a good picture of a Flying Saucer and the story of the daytime sighting of a UFO over the El Toro Marine Corps Air Base about 40 miles north of Vista, California. But this sighting actually occurred on Aug. 3rd during the big Saucer flap of 1965. Here is UPI's report from Santa Ana, California on Sept. 22nd:

"A county highway department investigator who doesn't believe in flying saucers has photographed a saucer-shaped flying object that has yet to be identified. Rex Heflin, 37, has released three photographs taken with a camera which he says were taken Aug. 3 when the midwestern and southeastern portions of the nation were flooded with reports of unidentified flying objects. Heflin said he was working near the Santa Ana Marine Corps air facility when he caught a glimpse of a silver object which he estimated to be 30 feet in diameter and eight feet thick. He said it was visible for 15 seconds and moved from west to east, accelerating at about the same speed as a jet.

"He said the object made no sound, but a beam of white light rota-

ted underneath the saucer. He claims that under a magnifying glass the beam is discernible in one of the photographs. Heflin said he carries a camera with him for his work, and that during the time the object was in sight, he was able to take three pictures. During the time the object was near, he said he tried to communicate with his supervisor over a two-way radio in his vehicle, but the radio was inoperative. Since then the radio worked perfectly. Despite the object's proximity to the marine base, radar operators failed to report any mysterious identification."

This latter item is of no significance because we know that even if the radar operators at El Toro did see a blip of the UFO on their monitoring screens, they wouldn't violate regulations by admitting it publicly. And the dead or inoperative two-way radio while the UFO was nearby is just another physical proof of its reality. Inoperative radio and other electronic gear when UFOs are around is an old story to experienced Saucer researchers. This is one of the first proofs you look for in a sighting!

#### REX HEFLIN GETS THE TREATMENT!

The day after the release of his UFO picture and story, Mr. Heflin got the recognition, official and otherwise, usually afforded any one who reports a Flying Saucer sighting and backs it up with physical evidence. As reported in the Los Angeles "Herald Examiner" for Sept. 24, 1965:

"James Bond would feel right at home in Santa Ana today, in the opinion of Orange County highway investigator Rex Heflin, whose life has changed drastically since he took three photographs Aug. 3. They showed a 'saucer' flying near El Toro Marine Base in daylight. In the last two days he has had conferences with representatives of the Air Force's Project Blue Book team from Wright-Patterson AFB in Dayton, Ohio, whose assignment is to study sightings of UFOs (Unidentified Flying Objects). Also Naval Intelligence, NORAD (North American Air Defense) and NICAP (National Investigating Commission on Aerial Phenomena). Several others are yet to come.

"'They call or arrive at all hours of the day or night,' Heflin said, 'And a bunch of cranks do everything from threaten to blow up my home, to identifying themselves as the 'Flying Saucer People' who don't like to be photographed.'"

"Heflin was most perturbed, however, over an Air Force interview yesterday. He said a captain arrived in his office about 4 p.m. and stayed until 7:45.

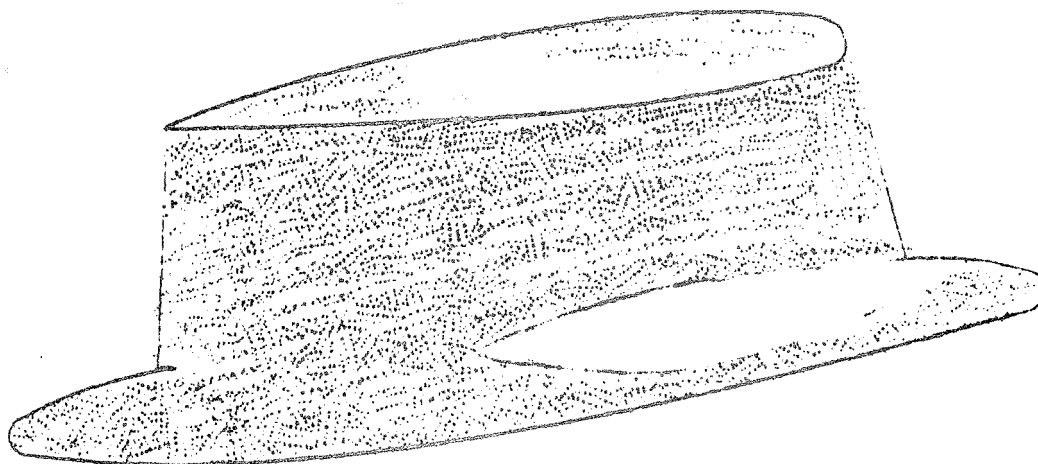
"'He suggested kites, stretchers carried by helicopters, flying children's models and hallucinations,' Heflin said, 'and before he arrived to talk with me the Air Force released a press statement.'"

Heflin probably didn't realize it at the time but the Air Force officer who called on him was undoubtedly a graduate of the USAF school

of Psychological Warfare, and an expert in hypnosis and permissive suggestion. It wouldn't take long for this professional hypnotist to discover if Heflin was suggestible or psychotic, or hungry for notoriety. Here is the Herald-Examiner's version of the AF press release:

"It said Heflin's pictures indicated that the unidentified flying object was only 3 feet in diameter -- rather than the 30 feet that Heflin claimed -- and that it was only 15 feet off the ground -- rather than 150 feet as described by the photographer. The service admitted, however, that the cursory analysis was made from newspaper pictures, not the originals, and 'it was impossible to be absolutely certain about size or distance!'

HEFLIN'S "FLAT HAT" UFO  
OF AUG. 3, 1965



"Heflin told the Herald Examiner a Marine Corps Intelligence Officer returned his original pictures and told him other sky objects were seen in the area on five occasions, including a sighting by a civilian pilot Sept. 4.

"He said there was at least one other sighting on the day I took my pictures in this area," Heflin reported.

"Marine G-2 personnel were not available for comment."

Note here that the Marine Corps Intelligence analysis of Heflin's photos was not released to the press. This couldn't be explained away as a natural object any more than Pilot Chiles' sighting of the torpedo-shaped jet UFO in 1948. And Heflin got just about the same range of treatment from the general public. Wonder if he's had to move and get an unlisted telephone number since then? Anyhow, looks as though we're going to have to wait awhile yet before the majority of people are going to accept the reality of the Visitors without a violent reaction of one kind or another, perhaps a whole generation of 20 years or more since Ken Arnold's famous sighting of 1947. That would put us pretty close to the successful conclusion of the Apollo Project with a landing on the moon.

## THE SEARCH FOR TRUTH ABOUT UFOS

We are getting nothing but double talk from the authorities; so we'll have to search for our own answers -- unless you want to wait a few years until the race into space produces them. I can't wait. You don't have to wait; for we in BSRA have had some very interesting answers to the Flying Saucer phenomenon for years. I am director of Borderland Sciences Research Associates, an organization which was founded in San Diego in 1946 by Meade Layne. Coincident with the founding of BSRA there was the development of the phenomenal mediumship of Mark Probert.

Mark came to Mr. Layne to try to get some answers to what was happening to him. He would go into trance and then these different voices, in foreign languages, would speak. At that time, Mr. Layne had been studying occult science for years. He was familiar with the various kinds of mediumship and was also interested in psychic research.

Mr. Layne found to his surprise that the beings who came and talked through Mark were intelligent, sophisticated, worldly-wise, cosmopolitan human beings -- though temporarily out of the body, shall we say. They didn't hesitate to identify themselves, nor to be ready with answers on philosophical problems such as the origin of the Flying Saucers. One of these controls identified himself by the name of Charles Lingford. He claimed to have died in New York fifty or sixty years ago.

I don't know if any attempt has been made to verify the physical existence of this man; nor do I care now; for it is the content of the message that counts. Anyone can give himself any identification tag. How are you going to know whether or not it is true? Just consider Lingford's interesting remarks in July 1947, not even a month after the Flying Saucer phenomenon had broken upon the world as a news story.

"In the course of time you will find that these Flying Saucers will tell their own story. You know from your reading and study that there have been many such phenomena. Just now you are having them in large numbers and over a wide region because the world is in a sense ready for them. All you need to do now is to be pushed a little bit and you'll wake up!"

What are we to wake up to? That we're not alone in the Universe. This is the next big step in consciousness for us, and we're getting closer to it all the time. Orthodox scientists are now admitting that there undoubtedly are millions of inhabited planets elsewhere in the universe. But very few of them, if any, will give you a positive answer to the \$64 billion question: Are they visiting earth now? You'll have to find the answer to this yourself.

And then Meade Layne asked Lingford, "You have no reason at this time to change your interpretation of the Flying Saucers?"

You see, a year earlier through these same Probert Controls, we had been told that Visitors from outer space were here looking us over. We were also told that they didn't travel in material, physical form between planets. They materialize and dematerialize. This is what

makes it tough for the scientists to accept.

"You dont suppose for a moment," Lingford said, "any material thing such as you know could travel through space at the rates these Visitors are travelling, without burning up. I dont mean to say that their ships are not material, but the material of which they are made can stand the heat and the speed."

"Does this construction material exist on our plane," asked Meade. "or is it an alloy."

"Yes, it is a kind of an alloy," replied Lingford. "There may be more of these Flying Saucers and perhaps various kinds. I can only say that the condition or state from which they come is Etheric. It is a materialization and a dematerialization."

In BSRA we call this the 4-D explanation of the Flying Saucers, and we see no reason now to change our hypothesis eighteen years after we first put it out. In fact, the longer the "silence policy" continues, on the part of the authorities, the more does it appear that our explanation is the true one and that is why they remain silent. This means talking intelligently about and believing in what is called psychism, spiritualism -- which has a bad name among orthodox people here in the United States.

Then Meade asks Lingford, "Is there any relation between Flying Saucers and other things which have fallen to earth?"

"There are various ways of running things by remote control," replied Lingford, "which you dont know of. There are energies as yet unknown to science. There are Etheric dwellers who have not known physical life, and I am referring to your Flying Saucers. They come out of that plane of existence."

"Do the Discs carry a crew?" asked someone at the seance.

"Large ones do but the small ones do not. These are controlled from craft which have crews on them. Some of these remote controlled craft break away and come down. They become limp, like paper, and vanish."

This in itself is a mastery of physical matter beyond anything we know. I suppose our scientists will learn it eventually. Here now we will give an example of that kind of Flying Saucer sighting, the disintegration of a remote controlled disc. It occurred, Oct. 1, 1951.

A Philadelphia police patrol car, on patrol in the suburbs just after dusk, the policemen saw this glowing object in the sky, coming down, slowly, gently. It came to earth in a vacant lot. There were four policemen to witness this unusual event; so perhaps there were two patrol cars. Anyhow, they radioed headquarters and said they had an Unidentified Flying Object under observation, and that they would stay there until they saw what further would happen. So they left their

patrol cars and walked over to look at this thing there on the ground. Six feet across and four feet high, it was an amorphous mass of material glowing slightly in the dark. They shined their flashlights on it. It didn't look like anything they'd ever seen.

Patrolman Collins was brave enough to reach out and touch this pile of stuff. It seemed harmless and was. His finger went right into it, as though it were jelly. Already it was going up the scale of tangibility, turning from a solid to a liquid, and then to a gas. The patrolmen waited, as they said they would, and in twenty minutes their wait was over. The pile of stuff got smaller and smaller there on the ground until it finally disappeared. The dematerialization was complete. This is the simple report of these policemen on the night of Oct. 1, 1951.

With the reports of these kinds of sightings, we have enough to back up what Charles Lingford said through Mark Probert in 1947. If a remote controlled Disc gets in trouble, it is allowed to descend to the earth and slowly disappear without hurting anyone. Lingford says that the material which has been drawn together is allowed to return to its primal state, "the force and the structure disintegrate."

"Well, suppose the Disc has a live crew aboard," asked one of the sitters, "what happens to them?"

"If there are beings in a Flying Saucer which disintegrates," replied Lingford, "they go back to the Etheric world from whence they came."

You and I do this, too, when we die. We came from the Invisible and we return to it. But because we are locked in matter and blind to these other worlds we look on death as a great tragedy; when actually it could very well be a great blessing.

Then someone asked at this 1947 seance, "Are we going to get the truth from our Authorities?"

"No," said Lingford, "you will get no information from your higher ups."

"There seems to have been a lull in the sightings lately, why is that? Are the UFOs being drawn away?"

"No, they are not being withdrawn, they are being explained away; however, the Flying Saucers will carry on until explanations run out. and people become curious again."

"There haven't been any reports for several days."

"They've changed their field of operation," replied Lingford. "They have to cover the whole earth. There is a reason for everything and I believe one reason these Discs are here is to show the people of your world that there are means of travelling faster and of eliminating



friction. They may even allow one or two of these things to land, so your scientists can examine them. In that way you'll find out how to build a craft yourself to travel into outer space, and maybe then you can find a new planet to start wars upon."

"Maybe we'll be forced to leave this one," observed a sitter.

"Yes, I believe man will abandon this planet eventually but not for many years to come. Nature is vast and man is a part of it. He may try to destroy himself but he will be unsuccessful and this will make him unhappy. But a time will come, and science knows it, if human beings are to survive they will have to go to another planet to survive on.

"You know, I'm getting tired. The trouble in my world is the same as in yours, a good deal of talk and nothing really very satisfactory. You will find that condition in all states of consciousness, yours, and mine, and elsewhere."

"There really is no heaven then, Lingford?" asked Meade Layne.

"If there is, you wouldn't be happy there. Without boredom there would be a state of inertia. Man must be unhappy in order to exist!"

That's a nice bit of philosophy, isn't it? We have to be unhappy in order to exist.

"The moment you become perfectly happy, you become nonexistent," continued Lingford. "Some time ago one of the other Controls hinted to you that man was an awesome creature in many ways. I could never begin to tell you how awesome man really is. Horror upon horror is in him, and beauty beyond conception. Man's many-sidedness is appalling.

"I want to add about the Flying Saucers, we haven't given you any wrong information. The predictions of that woman about the Discs being of Russian origin are incorrect. There is no new information at present but the Russian source is ridiculous! I do know that the Flying Saucers come from the Etheric worlds."

#### LANDED FLYING SAUCERS

Now Lingford said that some of the UFOs would be allowed to land for inspection by our wondering scientists. We have wild tales of crashed Saucers, in Mexico and Arizona in 1949. Again in 1952 this happened. A Flying Saucer came down and crashed on the island of Spitzbergen in the Arctic ocean. It was actually seen in the sky by Norwegian pilots. They followed it down and kept it under observation. The crashed Disc was taken to Narvik, Norway for analysis. This was in July 1952 and you'll find brief reference to this sighting in one of Major Donald Keyhoe's early books on UFOs. Three years later the Norwegian Air Force finally released a statement on it, through Colonel Darnbyl, of the Norwegian General Staff.

The Colonel admitted they had this Flying Saucer in their posses-



sion. He said that when it had come down in 1952 they had thought it was an experimental Russian craft.

"Very, very emphatically," said Colonel Darnbyl, "this machine has not been built in any country on earth. The materials used in its construction are completely unknown to all experts having participated in the investigation and at any rate, only to be obtained after physical and chemical processes unknown to us."

And then the Colonel went on to say the information would be shared with the British and United States governments. This news release originated in Oslo, Norway on Sept. 4, 1955. A Dutch Flying Saucer club picked the item up from the "Stuttgarter Tageblatt" of Sept. 5th.

From the Colonel's statement we can suppose that the complete story on this Norwegian UFO, pictures, dimensions, characteristics, is on file with the Central Intelligence Agency and FBI in Washington, as well as the ATIC, the Air Technical Intelligence Command, at Wright Field in Ohio. So when the Air Force claims it has no physical evidence of the reality of Flying Saucers, this is a lie.

#### AN ARCTIC BASE FOR FLYING SAUCERS

Also in this Oslo news release of Sept. 4, 1955 were some interesting observations by Lt. Tyllensen of the Norwegian Air Force, and a Lt. Brobs. After the 1952 incident they were sent to the Arctic as special UFO observers. They came back with the opinion many landings were being made in the Arctic.

"I think the Arctic is serving as a kind of air base for the unknowns, especially during snow storms when we are being forced back to our bases. They take this opportunity to land. Shortly after such adverse weather conditions I have seen them land and take off on three separate occasions. I notice that after having landed they execute a speedy rotation around their discs."

But we in BSRA have an even better story than that on an American landing of Flying Saucers.

#### THE VISITORS AT EDWARDS AIR FORCE BASE

In 1954, radio newscaster Frank Edwards got a tip from someone here in California that the Air Force had a captured disc in its possession. He said this in a January newscast.

Four months later, on April 16th, Meade Layne received a letter from one of our Associates who had been up on the high desert, at Muroc Dry Lake, where Edwards Air Force Base is located. This Associate wrote: "I have just returned from Muroc. The report is true, devastatingly true." He made the trip up there in the company of three officials, one a Bishop M -- do you suppose it was Cardinal McIntyre of Los Angeles? The second man had been on President Truman's staff. The third was a reporter of the Hearst newspapers. All drove up to Edwards in one car. They were admitted to the base. They went through six hours of questioning and checking of their credentials. They were

sworn to secrecy. Then they were allowed to go out on the field and look at five space ships, so our Associate wrote. Apparently, these Flying Saucers had been there for several weeks, if not several months.

Leading men in all walks of life, apparently, were invited there by the Air Force to see these things, scientists, economists, religious and political leaders -- all brought under security regulations which threaten fines and imprisonment to those breaking security.

The pilots of the Saucers caused their space ships to appear and disappear before the eyes of these flabbergasted mortals. I wouldn't be surprised but what some of these "authorities" in our national life were on the verge of a nervous breakdown if they didn't actually crack up. The very roots of their existence had been shattered! Imagine, for yourself, standing there and watching a solid object gradually disappear before your eyes. You could see through it. Yet, at a certain stage in the dematerialization, the material would be like glass, clear as crystal but still 3-D hard. Such is their control of matter that the Visitors could speed up the vibratory rate of their ships even further, to where the disappearance was really complete from our point of view. Then the startled observers could walk through the spot where each ship had rested and feel nothing there but the usual atmosphere and the ground on which he stood!

The area was cleared again and the ships were caused to materialize again and become solid, 3 dimensional objects. From the point of view of the pilot-controllers of the UFOs, their ships had never left the runway; but -- and this is basic to Flying Saucer or true space science -- a change of vibration is a change of location! And this was done many times for the benefit of the human observers. There could be no doubt in their minds whatsoever of this control of matter, by intelligent beings from outer space.

"President Eisenhower as you know," continues the Associate's letter to Meade, "was spirited over to Muroc one night during his visit to Palm Springs (he took his vacation there in March, 1954) and it is my contention that he will ignore the terrific conflict between the various authorities and go directly to the people via radio and television if the impasse continues much longer. From what I could gather an official statement to the country is being prepared for delivery about the middle of May."

Well as we all know, no statement was given to the country in 1954 or any other time while Eisenhower was in office. He refused to break security on it. Here are one or two more significant sentences:

"I could not stifle a wave of pity that rose in me as I watched the pathetic bewilderment of these rather brilliant brains, struggling to make some sort of rational explanation which would enable them to retain their familiar theories and concepts. I thanked my own destiny for having long ago pushed me into the metaphysical woods and compelled me to find my way out again. To watch strong minds cringe before totally irreconcilable aspects of science is not a pleasant thing."

## WHAT SAYS BSRA'S INNER CIRCLE?

When our director, Meade Layne, received this letter he couldn't believe it, even though he'd been closely watching the Flying Saucer phenomenon for seven years! So he went to the trance medium, Mark Probert, the next day and asked to have a session with one or two of the Controls.

An Italian astronomer came through, a contemporary of Galileo in the 16th Century. He says his name is Ramon Natalli and naturally he specializes in scientific aspects of metaphysics and occult science. Natalli advised Meade not to publicize the Associate's letter in our Round Robin Journal, but perhaps to make a private mailing to selected Associates.

"It would be better," Natalli said, "if this information came out through someone else than you at this time."

Remember, this was April 1954. I was one of the Associates who received a copy of that special mailing, in Honolulu Hawaii, and I found it hard to believe it too, then! Finally, in 1958, Mr. Layne published the whole letter in the Round Robin. There was no apparent reaction from the authorities or anyone else.

But at this April 1954 meeting with Natalli, through Mark Probert, one of the Associates asked: "Do you feel, Ramon, that Eisenhower is sincere in his attempt at what he might try to do, (in making this nationwide announcement on the reality of Flying Saucers) is pressure being put on him or what?"

"This man, like all men of his kind in high government positions, is a leader or a symbol of such in your country," replied Natalli, "They are always under pressure. They cannot act alone. Back of him in the shadows stand such individuals as Bernard Baruch and some of the high officials in the Roman Catholic Church. . . ."

These are two of the main forces keeping the pressure on the President and nothing was said to the public directly. Yet later on that summer there were certain guarded releases which I believe prove our point: That certain selected scientists were there at Edwards. They did see the Visitors' space ships. They had positive, incontrovertible evidence that space is patrolled and that we are and can be visited from time to time.

In May 1954 General Nathan Twining made this interesting statement: "The best brains in the Air Force are now working on the mystery of the UFO, which continue to baffle them. If they come from Mars and are that far ahead of us, we have nothing to fear."

This is a very positive statement from a prominent general of that time. Now, with our prior knowledge of the Edwards landing, Twining's remarks are doubly significant, even hinting at a Mars origin of the five space ships! The next month, in the June 20th issue of "This Week" Magazine, there was Dr. Robert Richardson's article on Mars!

## INTELLIGENT LIFE ON THE RED PLANET

In 1954 Dr. Robert Richardson was an astronomer at Palomar and Mt. Wilson observatories here in California. It is quite possible that he may have been considered prominent enough by the Air Force to be invited to Edwards to see the Saucer display in January or February. Anyhow, he authored this article on "The Mysteries of Mars". In it he strongly suggests the existence of intelligent life on the red planet.

On the other hand, his views might have been stimulated by the unnatural behavior of the two moons of Mars, especially Phobos, which behaves more like a man-made satellite than a natural moon. It is only 5000 miles above the surface of Mars. Its rotational speed around Mars is three times that of the rotation of its mother planet. This is against all rules of celestial mechanics for natural objects. Besides that, Phobos' speed is slowly diminishing, just like that of our own artificial satellites, which eventually will fall back into the earth's atmosphere and burn up, unless accelerated again. Also Phobos has changed orbits in the last few years, enough at least to cause astronomer Clyde Tombaugh to exclaim "an incomprehensible fact -- simply a scandal in celestial mechanics!"

Another prominent scientist was heard from in June 1954, Professor Norman Berrill of Canada's McGill University. In an article in the June issue of "McClean's Magazine" he wrote: "Other planets will have their own evolutionary creations the like of which we cannot imagine. Of this we may be sure: Well placed planets evolve life and life sooner or later evolves mind. There may not be anything in the universe that looks like man but there will almost certainly be beings of kinds unaccountable. . . that possess intelligence and power. . . and wisdom grown perhaps far beyond our own. In all that matters. . . we are almost certainly not alone."

Did Professor Berrill visit Edwards Air Force Base in March 1954? Or someone else whom he knew and trusted, who gave him the straight facts.

Then on July 20, 1954 Frank Edwards came on the air in his ABC news program, and announced: "I have in my possession a statement by a representative of a group of scientists associated with a top secret project."

I wouldn't doubt but what this top secret project was a search for anti-gravity through analysis of the performance of Flying Saucers. Anyhow, this scientist wrote to Edwards: "I can now unreservedly state that neither our government nor any other government possesses the tremendous technology necessary to the construction of these machines. The beings controlling the discs appear to have knowledge of the nullification of gravity and some advanced, inertialess drive."

Newscaster Edwards also mentioned Frank Halstead, astronomer in charge of the observatory at the University of Minnesota. Halstead had just returned from a year's visit to scientific centers here in California! Was he also a guest of the Air Force at Muroc? Listen to Hal-

stead: "Aircraft of some sort have visited the Earth from outer space. The best scientific minds in the world agree that some planet out there is sending these things to look us over."

We have to thank Leonard Stringfield, of Cincinnati Ohio, for pulling the above references together, which support our story. To me, these read like the actual witnessing of Flying Saucers by responsible people, and this is as near as they could come to revealing what they knew from personal observation.

#### THE ALL-OUT DRIVE TO MASTER GRAVITY!

Then the Air Force got busy. It should after witnessing that kind of a show! It apparently began to pull scientists and technicians together to make a plunge into the search for this radical new kind of propulsion. But it wasn't until a year later, Aug. 29, 1955, that the London "Daily Express" broke the secret.

"More than a dozen European scientists are signed up by the Glenn L. Martin Company of Baltimore to help crack the New Frontiers. The experts will work on problems of space travel and a method of circumventing gravity."

After this security break the New York "Herald Tribune" got into the act three months later with a series of three articles by their Aviation editor, Ansel Talbert. He interviewed George S. Trimble, brilliant young scientist who was head of the new "Advanced Design" division of the Martin Company in Baltimore, about the possibility of overcoming gravity directly with some new source of power.

"I think we could do the job in about the time that it actually required to build the first atom bomb," said Trimble, "if enough trained scientific brain-power simultaneously began thinking about and working toward a solution (to overcome gravity)."

"I know that if Washington decides it will be vital to our national survival to go where we want and to do what we want without having to worry about gravity, we'd find the answer rapidly."

Gray Barker received a tip from California, and published it in his "Saucerian" Magazine, that scientists and heads of certain industries here on the coast had been invited under rigid security, to the Hotel Statler in New York for a secret meeting, the code name for which was "Aircraft Engine Power". "But they weren't there to discuss anything so common as jet planes. It involved a fantastic new source of power, utilizing neutronic energy of a highly advanced nature, which could be expelled from an aircraft to give it rocket-like thrust. It was hinted the secret had been learned from taking apart an interplanetary Saucer."

So here you have indications of a tremendous, secret burst of activity along these lines, after this Saucer landing at Edwards Air Force Base in California in early 1954. Strong stimulus was needed because in earlier years scientists like Millikan here in California had scoffed

at the idea of anyone even trying to conquer gravity, as though it were some all-pervasive, universal power beyond our power to understand or to control.

#### THE MOTIVE POWER OF THE FLYING SAUCERS

It was late in 1955 that Morris K. Jessup turned his brilliant mind to the analysis of possible or probable UFO propulsion and lift. Many of you in this group have read one or more of Jessup's classics, "The Case for the UFO", "The Expanded Case for the UFO", "The UFO and the Bible". Many of you remember that in April or May 1959 he apparently committed suicide by breathing carbon monoxide gas from his own automobile in Miami, Florida. Jessup was a genius-type college professor who deserted the halls of ivy for the way-out field of Flying Saucers. He never could quite cross the Cosmic Barrier which full understanding of UFO requires, but his efforts to build a bridge between the visible and the invisible worlds are noteworthy in the UFO field and well worth reading and study. Take a look at this short article by Jessup in Gray Barker's "Saucerian Review" for January 1956.

important

"Probably the most/consideration of all from the viewpoint of science and engineering is the question of motive power. Jets have been suggested, as have rockets. They have to be rejected forthwith because of the inability of carrying fuel and material for reactional ejection. Magnetic drives have been almost universally postulated, so let us consider these for a moment.

"The Earth does have a very intense magnetic field -- but it is restricted to the immediate neighborhood of the planet, and is variable and whimsical in its nature and erratically influenced by sun spot activity. Only magnetic and para-magnetic materials can react to the magnetic field, or at best to another magnetic field set up by induction. To obtain a space drive from such a mechanism, the thrust must be picked up by a magnet or coil which is reacting with the magnetic field and mechanically transmitted to the craft, and, through the structure of the craft, to the people, animals, beings or entities enclosed in the craft and operating it.

"Thus all the terrific and unbelievable accelerations which have been repeatedly observed must be externally applied to such beings, carnate or not, as may be operating the Saucers. The fact that carnate beings cannot withstand external pressure and stresses of such magnitude has been used by the scientifically elite as a means of ridiculing the whole idea of the UFO. Granting the reality of the UFO, these observed facts do not negate the UFO, but merely demonstrate the impossibility of externally applied accelerations, due to any cause including jets, rockets or magnetic drive. If neither the structure of the craft nor the sinew of its pilot can withstand such stress -- then actual observation demands another power source.

"Science to the contrary notwithstanding, there is such a source. It is the reaction of the gravitational field, which is universal, and, as compared to the magnetic field, it is relatively uniform and unfluctuating. While reaction to a magnetic field can only be had from mag-

netic and metallic materials, reaction to a gravitational thrust can be applied to ALL materials having mass. Thus gravitational thrust can be applied to ALL the molecules of any carnate being or UFO structure simultaneously and so eliminate external pressure. No calculable amount of acceleration would then be felt by any being subjected to such a force, which would act uniformly through the interior of his body. Not only would there be no harmful results: there would not be ANY sensation of acceleration whatsoever either to the craft or its operators.

"The UFO is propelled by a cheap source of power, therefore: a reaction with the gravitational field, comparable to the reaction of the sails of an old fashioned sailing ship with the wind. It is high time we stopped spending the taxpayers' money for impractical rocket development, and invest in basic research to uncover the secret of gravitational drive which was known even to ante-deluvian civilizations."

"In his final sentence Jessup hints at the references to the gravity free flights of aerial vessels of certain earth civilizations that flourished before the Flood. But apparently he wasn't aware that the Air Force had already initiated an anti-gravity project with the Martin Company of Baltimore that same year, 1955.

We have to thank Jessup for reminding us that when a space ship establishes its own gravity field, it becomes a unit including everything inside it; so if a highspeed turn is made and you are inside, you will not feel that a turn is being made. You are the gravity yourself. You wouldn't be aware of any acceleration or deceleration, unless you could look outside the ship to some reference point, such as the earth. You are in and part of the gravity field of the earth; so you are not aware of the nearly thousand-miles-per-hour speed that the earth is spinning now, on its axis. The gravity of the earth affects every cell of your body at the same time, instantaneously. It is not acting or pushing on you from outside. Obviously, this is a universal type force which should have great fascination to our scientists now, and it does.

#### THE ANTI-GRAVITY BREAKTHROUGH OF 1970!

Ten years of research have gone by. It is now 1965; so it is not surprising that successful demonstration of this radical new source of power is within sight. It is now being forced upon us by the astronomical cost of rocket power! We may be able to spend \$40 billion for the Apollo trip to the Moon without it hurting too much, but a manned trip to Mars in 1980 may cost \$200 billion or more! Ouch! My pocket-book! So if we're going to the planets, here's a practical, dollars-and-cents reason for developing anti-gravity. A Bendix Systems Division engineer, Clyde R. Murtaugh, outlined the dimensions of the problem and predicted the inevitable results at a meeting of the American Society of Mechanical Engineers and the Institute of Electric and Electronic Engineers in Detroit, Michigan the second week of February 1965. Here are a few choice quotes from his talk, as given in Feb. 15th "Missiles and Rockets" Magazine.

"A propulsion breakthrough around 1971 is highly probable -- and



the technical approach probably will be based on producing a force by some means other than mass expulsion (technical gobbledegook for rocket power). . . Murtaugh says these causes must exist simultaneously to produce a breakthrough:

-- An urgent need -- identified by a real, well-defined technological barrier standing firmly in the path of immediate progress.

-- An economic incentive of sufficient magnitude to justify rapid development of the supportint technology -- not previously applied to this barrier -- in the face of established processes, facilities and product lines. . .

"Murtaugh says a breakthrough is characterized by the emergence of af a new technique -- one that differs radically from the technique leading to the barrier. The importance of this element, says the Bendix scientist, cannot be stressed too highly."

Obviously, the gravity breakthrough must come out of current scientific technologies here in America but Murtaugh found it difficult to predict which "technology will be called on to support the new development." He gave an example from the development of the steam engine by James Watt, 1769, a radical breaking out of the confines of horse power. "Watt's inventions for the steam engine depended for their success on advancements in the metalworking trades. His 5-ft-dia. pistons were only an inch out of round -- an unprecedented degree of accuracy at the time.

"Evidence of a barrier is established in the current space program. . . covering the future of space exploration beyond the Apollo program and focusing on a manned Mars landing in the 1980 time period. . . The urgency of the propulsion barrier is indicated by the fact that it is impeding progress beyond the present lunar goal. . . the prediction of a propulsion breakthrough is supported by the evidence that the freight-rate barrier is real and imminent. . . The continuing increase hinges on making a manned trip to Mars before 1980. Two alternatives might affect this demand:

-- Dilution of planetary exploration activititives by increased interest in some related field such as oceanography.

-- Substitution of a national objective in a different field -- for example, education, medicine or food production."

After eliminating rocket power from consideration, Murtaugh mentioned two techniques for the consideration of the Detroit electricians and engineers: "a self-contained source of 'pure' force defined as requiring no exhaust of propellant mass, and the supplying of thrust from an Earth or lunar base. Three 'pure' forces are known -- gravitational, electric and magnetic. Each has a place in Einstein's universal field theory and may be viewed as a type of anti-gravity. . .

"Murtaugh emphasizes that a key-step is in establishing a well-defined statement of the problem -- i.e., the barrier. Perhaps, he says, one of the existing difficulties is that the propulsion problem



is usually stated in chemical or thermodynamic terms."

Bendix engineer Murtaugh was so right! The conquering of gravity is going to require a new technique and a new supporting technology, but before that orthodox science is going to have to change its thinking! A new understanding of matter must be developed -- is being developed -- and nuclear physics is going to have to be replaced with another kind of physics, Etheric Physics! Yes, the old 19th Century theories of the Ethers filling all space are going to have to be dusted off, updated and given a new terminology.

#### THE STANDARD OIL TRACKING STATION OF INDIANA

The owners of the multi-billion dollar oil industry must be shaking in their boots right now. Their power structure is based on well-defined, well-understood, profitable uses of "chemical and thermodynamic terms". When I lectured on Flying Saucers at the Masonic Temple in Cleveland, Ohio in the spring of 1963, I had an interesting and revealing visit after the talk. A young, handsome, managerial-type junior executive or engineer rushed up to me and asked to see my UFO slides. He apologized for having been unavoidably detained earlier in the evening, and would be most grateful if I would re-run the slides for him. So I ran them through again for him as he stood there.

He explained them all away, very rationally. My pictures were either fakes, photographs of natural objects misinterpreted, or light aberrations in the lens of the camera. It turned out that he was an engineer for the Standard Oil Company of Indiana. He gave me his card.

"How come Standard Oil is interested in Flying Saucers?" I asked.

"We're interested in all kinds of things," he replied with an easy smile. "We even have a satellite tracking station of our own."

"For picking up an occasional Flying Saucer too?" I suggested with a laugh.

He laughed, too, but didn't say yes.

"I suppose you would be keenly interested in some radical new source of power, such as that apparently demonstrated by the UFOs?"

"We certainly would," he replied.

That was about all that was said. But I knew, and he knew, that a cheap, radical new source of power would make the gasoline engine obsolete! It would take care of the smog problem, too! Of course you people here in San Francisco don't have smog! Only in Los Angeles! By the way, Standard Oil of Indiana is one of the most profitable properties belonging to the Roman Catholic Church. So there are both religious reasons and business reasons why Flying Saucers are not welcome in the skies of the United States. Last night, after I gave this talk in San Jose, two space age technicians in the audience came up to take a look at this page from "Missiles and Rockets" containing the

review of the Murtaugh talk in Detroit. They could scarcely believe it.

"I'm surprised that this was even published!" said one.

The other one mumbled something about Werner von Braun, wondering if he knew anything about it. I believe the German-American rocket scientist was here in San Francisco just a few days ago -- for some meeting of scientists -- and spoke on this problem of the staggering cost of a manned rocket flight to Mars in 1982. He minimized it by relating it to our Gross National Product, now around \$700 billion a year. If the value of our annual national output continues to increase at its present rate, \$200 billion for a manned Mars shot would be no greater strain on us by 1982, than \$40 billion will be for the Apollo moon trip in 1970!

We've gone about as far as we can go with the use of burning gases. This is what rockets use. This is what our automobiles use, and it is a real, money barrier. Yet if we are going to continue to progress and grow as a nation, we must have definite goals for exploration of space beyond 1970! The old ways have got to go if we are going to grow! And one thing which has helped to shake up the thinking of orthodox science is the Flying Saucer. As these UFOs have zipped across our skies at fantastic speeds, smug self-satisfaction has been rudely disturbed in many places.

#### THE UNDERSTANDING BARRIER

Let's go back to that disturbing year, 1955, to one of our Borderland Sciences Research Associates releases for July 1st. An Associate sent this interesting bit of dialog in to Meade Layne. He claimed this was his conversation with a Visitor, not from outer space, but from the Cavern world in the interior of the earth. If you think you are an intelligent person, fully capable of communicating with a Visitor from another world, try this on for size.

HUMAN: Can you tell us anything about the flying discs and similar objects?

ENTITY: Yes, if it is lawful to tell and you are able to understand.

HUMAN: Meade Layne says they are Etherians; some say they are from other planets or from our earth, which is right?

ENTITY: All of them. There are many different objects which some people can see at times. They come from other planets, from other planes of life, and some come from places on this planet -- places unknown to you.

HUMAN: Then there are Etherians?

ENTITY: Yes.

HUMAN: Are they human beings?

ENTITY: Is steam water? Is a mixture of gases water?

HUMAN: Well, not exactly.

ENTITY: Yet steam can be produced from water, or converted into water.

HUMAN: I see.

ENTITY: I doubt it.

HUMAN: Can you communicate with the Etherians at will?

ENTITY: Yes, if we have reason for doing so. We do not waste time communicating, merely for amusement or to satisfy idle curiosity.

HUMAN: How is this done?

ENTITY: Exactly the same as I am now communicating with you. It is a matter of converting or translating vibrational frequencies to establish rapport between two intelligences. It is not necessary that these intelligences be embodied in corporeal flesh. In fact, flesh is often a hindrance. The real being of any entity is not what you see; it clothes itself with the physical body just as the body does with physical garments.

HUMAN: Are their intentions friendly?

ENTITY: That depends on your thoughts toward them. As ye sow, so shall ye reap! No person of good will need fear them. No member of any truly great race will deliberately kill. They do watch and they do try to prevent evil. If you only realised it you are brother to every intelligent Being in the universe. There may be at times erring brothers, but they are still brothers.

HUMAN: Do Flying Saucers or Discs from other planets come here in what we would call normal flight? Or is there a materialization and a dematerialization as some have claimed?

ENTITY: That depends on where they come from. Those from nearby points come by what you would call normal flight. Those from distant places are teleported here. They are converted into pure energy at the place of origin, and materialized back to their original form here. Some humans have seen them during this process.

HUMAN: Could you explain that a little more?

ENTITY: I'll explain it but you won't understand. The first thing to be done is to isolate a cube of space. This cube may be anything from inches to miles. The effect is produced by the play of mental force on etheric matter, and consists in establishing a null or neutral zone of free space energies. The boundaries of this cube are thereafter shaped as may be desired. Into this space area are then brought whatever mechanisms and instruments may be useful, in the region where the Guardians desire the ship to operate.

HUMAN: Is this done only by mind power?

ENTITY: By both mental and mechanical means. The next step is to "posit" the ship in space. This is done by converting the energy rates. A change of rates is equivalent to a change of location.

HUMAN: Then when they get here, why don't the pilots of the Saucers land and get acquainted with the people of this planet?

ENTITY: Would you?

HUMAN: But there must be some among us worthy of contact!

ENTITY: What leads you to believe such contacts have not been made?

HUMAN: I -- uh -- I just couldn't believe it -- those that I had read. Could you tell us how they go? They don't seem to have engines like our planes or our rockets.

ENTITY: Your engineers and scientists would not recognize it if they saw it. It is out of the range of their thinking at present. The Discs are powered with pure energy flows which permeate all space and all planets. You know something about the results of these flows -- electricity, light, heat, gravitation, and so on -- but you know nothing about the source of these, the

primary flows of energy in their pure form. I cannot explain it to you.

HUMAN: Why not?

ENTITY: Could you explain algebra or calculus to a three year old?

Of course we couldn't explain higher mathematics to a three-year old; unless that little child were a mathematical genius who carried this ability over from a previous life! Yet this is what BSRA has been trying to do since Meade Layne founded it in 1946 in San Diego.

#### THE 4-D EXPLANATION OF THE FLYING SAUCERS

Here's a quick summary of the way Mr. Layne learned to explain it, after years of experience, research and thought on the problem of the Fourth Dimension and the UFOs which materialize from space.

Flying Saucers emerge onto our plane of perception from a different space-frame. This is done by a conversion of energy -- as was suggested by the Cavern Dweller in the above conversation. Or let us say that the UFO moves into our perception by a change of vibration, as was demonstrated to scientists there at Muroc in 1954. This physical phenomenon has been observed and reported by others who were not sworn to secrecy.

Also it is well known that our matter couldn't stand the speed, the temperature and the strain. As it is now, when our fastest jets get above 2000 mph, the skin of the plane heats up to over 600 degrees. But Flying Saucers have been tracked at speeds of six and seven thousand miles per hour on radar!

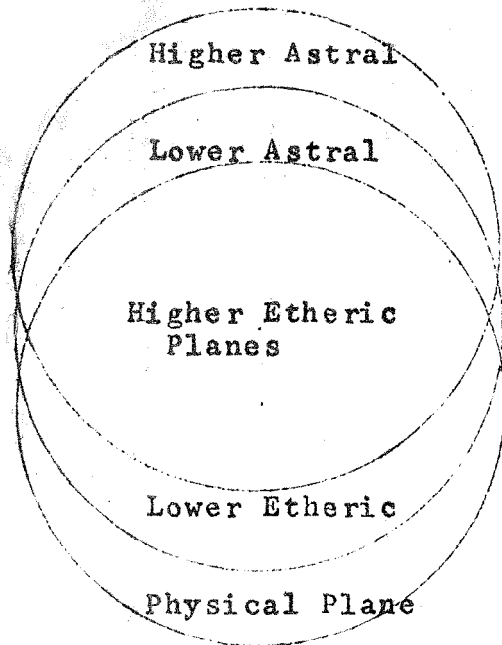
The Saucer becomes visible and tangible to us when the energy conversion takes place. Remember, Saucer steel is etheric steel. On its own plane of existence the Saucer is just as hard to beings or Etherians of that plane as physical steel is to us. But when the Saucer materializes at our level it undoubtedly dematerializes at the point of origin; and when it dematerializes from our sight in the physical world it re-materializes in the Etheric world from whence it came.

There is a spectrum of tangibility, just as there is a spectrum of sound and light. At its own normal rate of vibration Etheric matter passes easily through earth or physical matter, and it is much more easily controlled by thought. The great adjustment we and our scientists have to make in our understanding is that any mental form can be brought into physical existence. This is done by mental action and controlled by mental action. In their own world, Etheric objects are as real as earth objects.

Before you laugh at all this, remember that you have made your own body with your mind. If you don't like what you see when you look in the mirror, don't blame anyone but yourself. What you were yesterday in thought and feeling, you are in today's action. This is true of the Etherian in his own world. He makes his own body with his mind, but much more easily and quickly, and beautifully! He can also produce a cube, a sphere or a Flying Saucer.

## THE INTERPENETRATION OF THE PLANES

At this point it would be good to include a simple diagram of the overlapping or interpenetrating of the physical, etheric and astral planes. This was given to Meade Layne by the Inner Circle through Mark Probert to help us understand the relationship of the world of the Flying Saucers with our physical world, and with the astral, to which we go after death.



Said the Inner Circle Control: "Substance as earth men know it takes on the tangibility suited to earth consciousness on the lower etheric, and it is from this region that your sky phenomena burst into view, and also your psychic phenomena. At death, man's sojourn in the lower etheric is very short-lived.. But he does not enter the higher etheric, but goes right on through it, with no consciousness of it, to the lower astral. Later, and depending on his mental activity, he enters the higher

spheres of the astral. But in order to make any contact other than mental, he must make it through and by the lower etheric."

Here you must grasp this essential difference between the Etheric Planes and the Astral Planes: the former are objective and positive, the latter are subjective and negative. This important distinction has stumped many a well trained, deeply studied metaphysician who thought he was quite familiar with the different planes of consciousness as taught in Theosophy, various Yoga systems, the Rosicrucian schools and Alice Bailey's Arcane School. Even though the Higher Etheric is normally invisible to us, it is just as real, tangible, solid and physical -- and objective -- as our own physical world is. The physical matter of the Etheric is much more finely attenuated, that's all.

Now when Etheric matter or beings manifest in our 3-D world such manifestations would come under the general heading of psychic phenomena, but there is a world of difference between a psychic phenomenon generated by a dearly departed relative, trying to get in touch with you from the subjective astral plane, and a positive, Etheric plane phenomenon generated by an advanced, universally-wise being from that invisible realm? Until you can understand this important difference between the two invisible realms, the key to the Saucer phenomenon will ever elude you.

If you ask, are the Etherians human beings? I can only ask you to define the term "human" first. Many that have been seen certainly don't look like us -- at least in their normal appearance in their own world.

Such is their control of matter that it isn't difficult for them to appear in human form, adjusting themselves to our limitations of consciousness. Certainly the Etherians would be of as many races and types as are we here on the earth. Even more important, not all would be of the same moral character and evolutionary development. Evil must come from outer space, as well as good.

#### THE INVADERS FROM OUTER SPACE

This aspect of the Flying Saucer phenomenon has been over-emphasized in the movies, but we must be ready to admit that some of the galactic tourists coming here are from decaying planets or systems and looking for a new home AND they'll use any means, fair or foul, to get one! Fortunately, the Guardians of the Higher Etheric who have the responsibility for the guidance and protection of mankind, are well equipped to maintain space patrol, not only of the physical skies around the earth but of several levels of consciousness above the physical!

Remember, space travel problems are minimal for the Etherian whose vehicle is essentially a thought-form! He has only to change his mind to change his vibration, and a change of vibration is a change of location! So penetration of our earth and our seas is easy and there is no "crossing of Space" as we understand the term.

Apparently the main reason the Saucers are converted to 3-D form so we can see them is to educate us. It is time we realized that gravity need no longer hold us as in a prison. Time is one of the functions of gravity, or is it the other way around? The Teachers of our race began to open up our understanding of this when they inspired H.G. Wells to write "The Time Machine", in the 1890s. I recommend that you get a copy and read it; also see the excellent movie if you have a chance. Remember there, the inventor of the Time Machine disappeared by merely speeding up his vibratory rate and moving forward and backward in time.

We'll admit that the Flying Saucer data so far accumulated has not produced a comprehensive interpretation which would be satisfactory to both science and metaphysics, and don't blame us. The very fact that such a comprehensive theory has not been developed is a good reason for the thunderous silence of our authorities. A major dictum of science is that a workable hypothesis, explaining any phenomenon, must save the major data accumulated by observation. Our BSRA Etheric or 4-D explanation does this. UFOs have been seen to change form while under observation, at times behaving more like living beings of space rather than mechanical contraptions from Mars or elsewhere. They have been seen to change from an opaque solid to a translucent and transparent crystal -- but still 3-D solid. And then they have been seen and felt to dematerialize altogether -- by those Philadelphia policemen in 1952, for instance.

We were given this interpretation of the Flying Saucer phenomenon in 1946, by the Inner Circle. It has been maintained by them ever since. We have seen no controverting evidence in the 20 years that have elapsed, in fact just the opposite; the sightings and reports continue to confirm the original Etheric explanation of BSRA.

## THE PHYSICAL SCALE OF TANGIBILITY

Orthodox science has yet to recognize and identify the Higher Etheric, though it now speaks of and works with matter in the 4th state, Plasma. So, we'll have to turn to occult science for hints of what these higher levels of physical matter are and how they function. Max Heindel, in his book "Cosmo-Conception", charts these levels and shows their relationship to our known world of solids, liquids and gases.

### THE SEVEN PHYSICAL SUB-LEVELS

|                    |   |
|--------------------|---|
| Etheric<br>Region  | 1. 7th - Reflecting Ether, Memory of Nature                       |
|                    | 2. 6th - Light Ether, Medium of Sense Perception                  |
|                    | 3. 5th - Life Ether, Medium for Propagation                       |
|                    | 4. 4th - Chemical Ether, Medium for Assimilation<br>and Excretion |
| Chemical<br>Region | 5. 3rd - Gases  |
|                    | 6. 2nd - Liquids  |
|                    | 7. 1st - Solids   |

Our known world is but a reflection of these higher physical levels, just as the whole physical-etheric world is but a reflection of something higher still! Anyone who has mastery of these higher physical levels, the Ethers, will have mastery or control of the physical as we know it. The continually recurring power blackouts, some of them, are an example of this. All electric and electronic phenomena-- TV, radio, radar, etc. -- are functions of the Ethers. One of the surest indications that one of these sky Visitors is around is the sudden stoppage of electric motors and electronic equipment, for no apparent physical reason, and its sudden starting up again when the Flying Saucer moves away.

As orthodox science pushes and probes further into the borderland of the invisible -- has anyone seen an atom? -- we now hear such terms as super-matter and anti-matter used to explain the phenomena being observed. As far as I am concerned, these are just other names for various manifestations of Etheric matter. The very recognition of anti-matter as a polar opposite to matter, will help lead to the identification of the force of anti-gravity as the polar opposite to gravity.

The proponents of the theory of the Expanding Universe years ago forced science to accept the idea that some parts of the universe are repelling each other. Obviously, anti-gravity is at work among the stars and/or Island Universes. The problem is to find out how this same force can be made to function under control in the region of this planet. The occult scientist says that the Cosmos is a creation of Cosmic Mind and thus that any aspect of the Cosmos, whether it is gravity or anti-gravity for instance, is an aspect of Mind. This is too simple for our technicians so they'll have to come this conclusion only after accumulating mountains of research data, millions of calculations and thousands of hours of experiments.-- and piles of junked hardware which didn't work. As we've already said, however, the economic incentive is there. Rocket travel is too expensive.



## THE INADEQUACY OF NUCLEAR PHYSICS

One of our foremost and most soundly-based Saucer researchers was the late Wilbert B. Smith, head of the Radio Regulations Engineering section, Department of Transport of the Canadian government at Ottawa, Canada. In a lecture before the Illuminating Engineering Society in Ottawa, June 11, 1959 "Wib" Smith was openly critical of present scientific shortcomings:

"It is a well-known fact that our science consists of a few basic facts and a large amount of conjecture, cemented together with great numbers of 'correction factors' and 'perturbation factors'. We have many anomalies in our science, but instead of heeding them as Nature's warning that there was something wrong with our concepts, we shoved them into the background and turned our thoughts to those things which appeared to be more self-consistent.

"Consequently, I am convinced, we have missed the boat on many occasions, and now when we have before us the magnificent fact that space travel through other means than on the business end of a rocket is possible, we are unable to cope with the situation, and instead of learning from these beings who come to us from elsewhere in flying saucers, we deny them, ignore them, and hope that they will go away. . .

"Fortunately, a few serious investigators had the moral courage to face up to this problem in spite of the cries of 'heresy' from orthodox science, and reasoned that if some other race could do these things, so could we. . . Suffice it so say that many of our basic physical concepts were tested and found wanting. Many things which we have held sacred in science were found to be valid only under specific conditions. . . My own group has concentrated on problems associated with gravity, refusing to believe that Newton's Law that 'every particle in the universe attracts every other particle with a force which is equal to the product of the two masses and a universal gravitational constant divided by the square of the distance between the two masses' was the alpha and omega of gravity. Since flying saucers demonstrated what appeared to be gravity control, it certainly seemed logical to assume that such control could be established (by us). Furthermore, certain aspects of the behaviour of these craft gave us valuable clues to the real nature of the universe and its elegant simplicity.

"At the present time we do not have all the answers. Nor do we have anything like an integrated theory. All we have is a collection of facts based on observation and the results of a number of experiments, but we feel that this foundation is considerably more secure than that of our current orthodox science, for in it there are no anomalies.

"We know that gravity is not at all what Newton visualized. Far from being a basic force in Nature, it is really a derived function, and is the consequence of a dynamic condition, not a static one. We know what goes into its makeup; we know its 'formula' and have a pretty good idea of how to go about bringing it under control. We have conducted experiments that show that it is possible to create artificial



gravity (not centrifugal force) and to alter the gravitational field of the earth. This we have done. It is a fact. The next step is to learn the rules and do the engineering necessary to convert a principle into workable hardware.

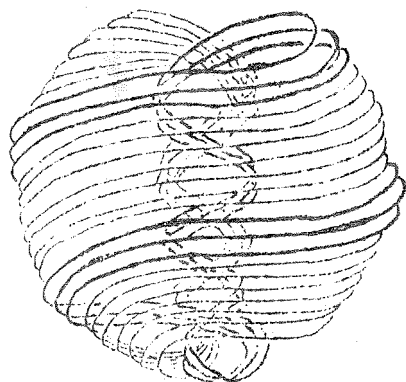
"... I am sure that if even a small fraction of the money being spent on rockets were spent on proper research looking toward gravity control, with the example of the flying saucers before us, and with the possible help from these people from elsewhere, we could join them in space much sooner, more safely, and more economically than we will ever be able to do on the business end of a rocket."

"Wib" Smith died of cancer at the age of 52, in December 1962. Fortunately, he left a manuscript containing a description of the gravity principles referred to in the 1959 talk. It has been published by his son, Murl Smith, at \$2.50 a copy. "The New Science" can be obtained from the Ottawa New Sciences Club, Box 2221, Postal Station D, Ottawa, Ontario, Canada.

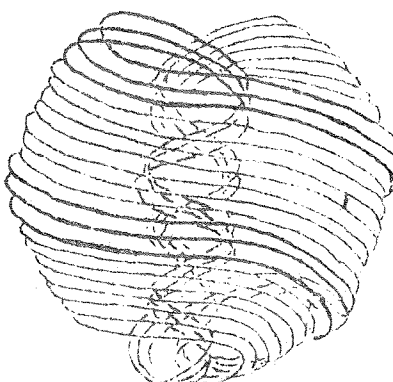
#### VORTEXIAN PHYSICS THE ANSWER

This intellectually courageous Canadian's New Science goes back considerably further than the late 1950s when he was developing it from his contacts with Visitors from outer space. The basic structure of all life is a vortex or spin center, whether you are looking at an atom or the Milky Way galaxy! And the clue to gravity control is in Vortexian Physics rather than Nuclear Physics. The best visual images we've seen of this basic structure are in a little book "Occult Chemistry" written by Annie Besant and C.W. Leadbeater and published by the Theosophical Society at Adyar, Madras, India in 1908.

It is only in the last few years that physicists have been speaking of anti-matter, and super matter, and trying to adjust their limiting nuclear concepts to these radical new ideas. We think the basis for the matter vs. anti-matter concept was laid in "Occult Chemistry" with the drawing and explanation of male and female atoms.



MALE



FEMALE

By a technique explained elsewhere in Theosophical literature, Besant and Leadbeater developed a microscopic extension of ordinary physical sight, and examined the atomic structure of matter on up into the etheric sublevels outlined on page 28, to the Reflecting Ether or Memory of Nature. Here they saw the paired, positive and negative atoms as reproduced on the page opposite from their own drawing, Plate II in "Occult Chemistry". Let us continue with their own description of the balanced pairs of opposites.

#### THE ULTIMATE ATOM

". . . In the ultimate state of physical matter two types of atoms have been observed; they are alike in everything save the direction of their whorls and of the force which pours through them.

"In the one case (male) force pours in from the 'outside', fourth-dimensional space, and passing through the atom, pours into the physical world.

"In the second (female) it pours in from the physical world, and out through the atom into the 'outside' again. That is, it vanishes from the physical world.

"We call the atoms from which force comes out positive, or male. Those through which force disappears, negative or female. All atoms so far observed are one or the other of these two forms. The ultimate atom is a sphere, slightly flattened, and there is a depression at the point where the force flows in, causing a heart-like form. Each atom is surrounded by a field, formed of the atoms of the four higher, etheric planes of the physical, which surround and interpenetrate it.

"The ultimate physical atom can scarcely be said to be a 'thing', though it is the material out of which all things physical are composed. It is formed by the flow of the life-force (the force of which all the physical plane forces -- electricities -- are differentiations). When this Force arises in space -- the apparent void which must be filled with substance of some kind, of inconceivable tenuity -- atoms appear. Presumably, were that flow checked but for a single instant, the whole physical world would vanish as a cloud melts away in the empyrean. It is only the persistence of the flow which maintains the physical basis of the universe.

#### EXAMINING THE ATOMIC STRUCTURE

"A space is artificially made by a certain action of the will, pressing back and walling off the matter of space. Then, if an opening be made in the wall thus formed, the surrounding force flows in and three whorls immediately appear, surrounding the hole with their triple spiral of two and a half coils, and returning to their origin by a spiral within the atom. These are at once followed by seven finer whorls, which following the spiral of the first three on the outer surface, and returning to their origin by a spiral within that, flowing in the opposite direction -- form a caduceus within the first three. Each of the three coarser whorls, flattened out, makes a closed circle.

The forces which flow in them, again, come from 'outside', from a fourth dimensional space (the astral world). Each of the finer whorls formed of seven yet finer ones, is set successively at right angles to each other, each finer than its predecessor; these we call spirillae.

"The atom cannot be said to have a 'wall' of its own, unless those whorls of force can be so designated. Its 'wall' is the pressed back 'space'. As said in 1895 of the chemical atom, the Force 'clears itself a space, pressing back the undifferentiated matter of the plane, and making to itself a whirling wall of this matter.' The wall belongs to space, not to the atom.

#### ETHERIC WAVE CURRENTS

"In the three whorls flow currents of different electricities. The seven vibrate in response to etheric waves of all kinds -- to sound, light, heat, etc., (and to gravity?) They show the seven colors of the spectrum, give out the seven sounds of the natural scale, respond in a variety of ways to physical vibration -- flashing, singing, pulsing bodies, they move incessantly, inconceivably beautiful and brilliant.

"The (ultimate) atom has three proper motions; independent of any imposed on it from outside:

1. It turns incessantly upon its own axis, spinning like a top.
2. It describes a small circle with its axis, as though the axis of the spinning top moved in a small circle.
3. It has a regular pulsation, a contraction and expansion, like the pulsation of the heart.

"When force is brought to bear upon the atom, it dances up and down, flings itself wildly from side to side, performs the most astonishing and rapid gyrations, but the three fundamental motions persist. If the atom is made to vibrate, as a whole, at the rate which gives any one of the seven colors, the whorl belonging to that color glows out brilliantly.

#### EFFECT OF ELECTRICITY

"An electric current brought to bear upon the atoms checks their proper motions, renders them slower. The atoms exposed to it arrange themselves in parallel lines, and in each line the heart-shaped depression receives the flow, which passes out through the apex into the depression of the next, and so on. The atoms always set themselves to the current. The well-known division of diamagnetic and paramagnetic depends generally on this fact, or on an analogous action on molecules, as diagrammed.

"Two atoms, positive and negative, brought near to each other, attract each other, and then commence to revolve around each other, forming a relatively stable duality; such a molecule is neutral. Combinations of three or more atoms are positive, negative or neutral, according to the internal molecular arrangement. The neutral are relatively stable, the positive and negative are continually in search of their

respective opposites, with a view to establishing a relatively permanent union.

#### ETHERIC MATTER FROM A HIGHER PLANE

"To astral vision ether is a visible thing, and is seen permeating all substances and encircling every particle. A 'solid' body is a body composed of a vast number of particles suspended in ether, each vibrating backwards and forwards in a particular field at a high rate of velocity. The particles are attracted towards each other more strongly than they are attracted to external influences, and they 'cohere' or maintain towards each other a definite relation in space.

"Closer examination shows that the ether is not homogeneous but consists of particles of numerous kinds, differing in aggregations of the minute bodies composing them; and a careful and more detailed method of analysis reveals that it has four distinct degrees, giving us, with the solid, liquid and gaseous, seven instead of four substates of matter in the physical world. . . "

Although this is not the time nor place to go into a lengthy discussion of the comparative merits of vortexian vs. nuclear physics, we think it would be wise to include a few quotes from a physicist, Carl Frederick Krafft, who picked up the Ether Vortex atomic theory and showed it to be much more adaptable to the facts of matter than is the nuclear theory! If you want to argue his theories, write to him, not to us! His address is, or was in 1960, 218 Columbia Road, Annandale, Virginia, U.S.A. (Krafft died in the mid-sixties.

#### QUOTES FROM KRAFFT'S "THE ETHER AND ITS VORTICES"

". . . Any fluid medium that is capable of supporting wave motion should also be capable of supporting vortex motion, and it would seem inconsistent (for nuclear physicists), after recognizing light as a wave motion in the ether, to refuse to recognize the elementary particles of matter as vortex motion in the same ether. Nevertheless, in modern physics literature the word 'vortex' has been about as taboo as the word 'ether', and for apparently no reason except emotional prejudice. The physics profession has been inconsistent in maintaining an antagonistic attitude toward some hypotheses while swallowing others whole. It cannot be said that the ether-vortex concept is superfluous and of no value. It has not only led to satisfactory explanations for many previously unexplained phenomena of physics and chemistry, but it has also provided us with a tangible concept to facilitate our thinking about otherwise abstract subjects.

"The distinguishing characteristic of all elementary particles of matter is their localized persistence of individuality, and this is also the distinguishing characteristic of vortex motion. Wave motion is not localized like the elementary particles of matter, nor does it have individuality within the full meaning of that term. . . if a vortex ring is distorted from the circular into the elliptical form, it will spontaneously revert into the original circular form. The vortex ring therefore does have persistence of individuality and memory of its

original form. . . the resiliency of a vortex ring does not depend on the nature of its material but is an inherent characteristic of the form of the motion itself.

"A vortex ring not only will tend to maintain its circular form but will also dynamically and resiliently maintain its dimensions and proportions. (As Besant and Leadebeater had actually determined by clairvoyant sight many years earlier.) There is obviously a lower limit to the possible over-all diameter of the ring, because after the opening at the center is completely closed, the ring cannot become any smaller. The inevitable crowding of the ether in the region of this central opening will, however, prevent any such complete closure of the ring but will tend to expand the ring to a larger over-all diameter.

#### THE ALL-PERVADING ETHER CURRENTS

"In opposition to this expansive force there are other forces acting in the radially inward direction and tending to compress or contract the ring to a smaller diameter. One of these inwardly acting forces is caused by the impacts of external ether currents against the outer periphery of the ring. Another such force is caused by the centrifugal forces inside the rotating filament. The immediate result of such centrifugal forces will be to make the filament thicker, but since its volume must remain constant, any thickening of the filament must be accompanied by an equivalent reduction of the over-all ring diameter. The ring will therefore not expand indefinitely but will acquire and maintain definite size and proportions.

"Physicists usually try to summarily dismiss the new vortex atom theory with the comment that it is merely a revival of the 19th Century theory of Lord Kelvin, which proved to be a failure. The broad concept of vortex atoms did not however originate with Kelvin but can be traced at least as far back as 1674, when Nicolas Malebranche stated, in his "Search for Truth", that the subtle matter of the ethers was composed of "petits tourbillons", little vortexes or whirlpools."

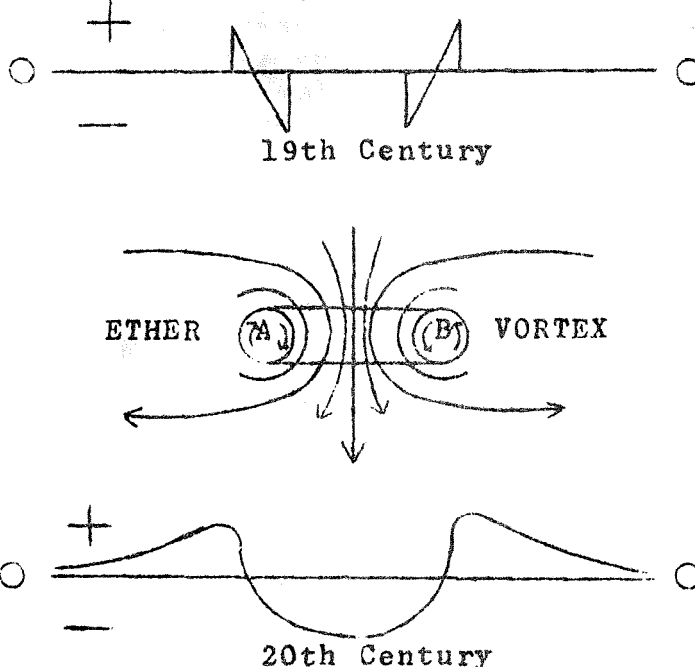
But Malebranche was an enthusiastic follower of Descartes, another French philosopher, who picked up his theories from the Greeks -- philosophy from Aristotle and science from Democritus. But Democritus credited his atomic theories, in part, to Moschus the Phoenician. And where did the Phoenicians get their philosophy and science? From the Egyptians who in turn, according to Plato, derived all of their culture from fabled Atlantis. And where did the Atlanteans get their inspiration for their marvelous science? From Visitors from outer space, no doubt! Now, back to Krafft, the brave pioneer.

#### THOSE PESKY ELECTRONS

"Since the new vortex theory deals primarily with the vortex structures of the subatomic particles (protons, electrons and neutrons) it obviously cannot be the same as Kelvin's theory, because these subatomic particles are very specific in their behaviors and must therefore be presumed to have specific structures, because it is a universal rule, without any exception, that specific behavior can be explained

only on the basis of specific structure. As long as no other type of structure has ever been suggested for these subatomic particles, we must proceed with the assumption that they have vortex structure."

Below is Fig. 1 from Krafft's "The Ether and Its Vortices". I have added the plus and minus signs and the zero for the cross-over point or change in polarity from positive to negative. I have also added the A and B in the two vortices to indicate male and female atoms.



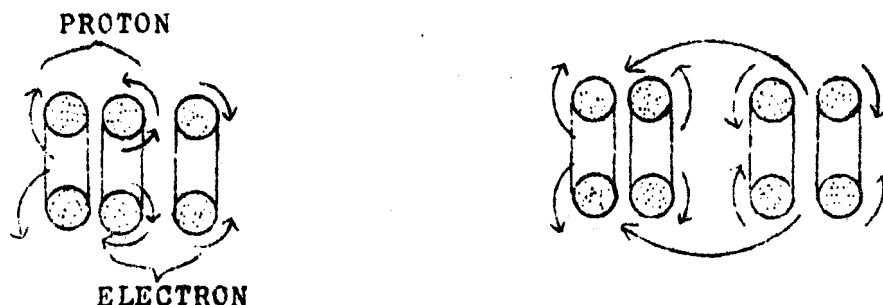
("Fig. 1. -- An ether-vortex ring with its interlinked ether currents. The graphs show the distribution of velocities at different distances from the circular axis of rotation. The presence of such interlinked ether currents distinguishes twentieth-century vortex rings from those of the nineteenth century.")

"The ether according to Kelvin's theory was not only frictionless but also devoid of any sort of viscosity, so that adjacent vortices could have no co-ordinating effect upon one another, whereas in this new theory the vortices are in a viscid but nonfrictional ether similar to that contemplated by Maxwell, Stokes and Fricke. The effect of such viscosity on the distribution of velocities in and around the vortex rings is shown in Fig. 1.

"In the Kelvin vortex rings the velocity of circulation of the ether would presumably be proportional to the radial distance from the center of rotation but would suddenly drop to zero at the surface of the ring (the center gap in the 19th Century figure), whereas in the twentieth-century vortex rings the velocity at the surface of the ring (assuming that it has a definite surface) does not drop suddenly to zero but tapers off gradually in the outward direction. This external circulation is directly involved in all physical and chemical activity, and when it becomes too crowded, the atom bursts to pieces with the li-

beration of much energy, as in the splitting of the uranium atom. . .

"Another effect of such viscosity is to cause adjacent vortex rings to exert a co-ordinating effect upon each other so as to bring them into axial alignment and rolling contact whenever possible, which Kelvin's nineteenth-century vortex rings in a nonviscid ether would not do. If we assume that face-to-face rolling contact is a necessary and sufficient condition for structural stability, then with two vortex rings it will be possible to produce two different stable structures as shown in Fig. 2, with the adjacent sides of the two rings moving either inwardly or outwardly, but not in opposite directions. These two structures will also have different external circulation. This immediately suggests a much-needed structural basis for protons and electrons and for the electric fields associated therewith.



("Fig. 2. -- The neutron, left above, and the hydrogen atom--two electrically neutral particles of atomic weight 1 but with totally different properties. In the hydrogen atom, the electron can never fall completely into the proton, whereas in the neutron it is already partly within the proton and can be removed therefrom only by its destruction. Hydrogen atoms cannot be transformed into neutrons by any known method; that seems to indicate that they are not merely the same protons and in different states of vibration.)

"The problem now is to determine which of these two structures is the proton and which the electron. The proton differs from the electron in having greater mass and therefore more internal energy; that means that it is a more stable structure than the electron. The greater mass of the proton cannot be satisfactorily explained by merely assuming that the vortex rings of the proton are larger than those of the electron, because we would then have difficulty in drawing a satisfactory picture of the neutron. The cores or filaments of the two vortex rings themselves will undoubtedly contribute some of the mass of the proton, but if the ether has a density of only 0.027 milligrams per cubic centimeter, as calculated by O.C. Hilgenberg, then the inertial effect of the ether inside the core or filament would be much too small to account for the actual mass of the proton.

"An inspection of Fig. 1, however, shows that an ether vortex ring always occupies two regions -- namely the rotating inner core of the ring and the surrounding space in which the ether flows in paths that are interlinked with the core, but not necessarily in closed circuits. It may therefore be assumed that the ether which is interlinked with a vortex ring will contribute at least a portion of its mass to the effect-



tive mass of the vortex ring. . . The mass of a proton must therefore come almost entirely from some other source, and it may be of gyrostatic origin, so as to multiply the intrinsic mass of the ether many times. If the mass of a proton is somehow the result of its internal motion, then it would seem to follow that the mass of the free ether may likewise be the result of the internal motion or turbulence of the latter, and that a perfectly quiescent ether would be without any mass and would therefore be nonexistent. . . "

So our Ether must be turbulent, rhythmical, dynamic and not quiet or static. Somebody is doing something to matter and the medium through which it is done is the all-pervading ethers, "a sea of energy in which the earth floats", and in which each atom floats!

#### THE POWER OF POSITIVE THINKING, ON MATTER!

This discursion into anti-gravity, or contra-gravity, which sounds nicer would not be complete if we left out some reference to Chapter 11 of Dr. Andrija Puharich's second book, "Beyond Telepathy", published in 1962 by Doubleday & Company, and now unfortunately out of print.

He titles Chapter 11, "The Physical Foundations of PSI Plasma". PSI Plasma is his term for the ethers, and the chapter itself is devoted to establishing a mathematical basis for anti-gravity. But Dr. Puharich is not interested in hoisting a hunk of space hardware off the earth without benefit of rocket motors; his concern is releasing consciousness from the body! To me he makes a good case for the theory or hypothesis that gravity holds our consciousness or awareness in the body even as it holds our bodies to the earth.

It is no wonder that Puharich's book was publicly praised as a Space Age textbook at a Paris meeting of rocket scientists in 1963. This was done by Dr. Eugene Konecci of the National Aeronautics and Space Administration. Dr. Konecci's concern is the life sciences rather than hardware, but we can suppose that the pull of gravity is equally effective in the sub-atomic particles which compose the living cells of our bodies, as well as the atoms of steel, aluminum, plastic and other non-living materials in our rocket-powered satellites.

The Kabalists of the Western Mystery Tradition and the Yogins of the Eastern Mystery Tradition have always had as their maxim, "Man, Know Thyself". For in knowing himself, man comes to the know the universe around him; so it is not surprising to me that in his profound study of human consciousness Dr. Puharich has come closer to the secret gravity than have Mr. Krafft and the borderland nuclear physicists. In any event, I believe the preceding pages have given you some pretty definite hints as to the direction anti-gravity research must have taken in 1955 when Martin Co. of Baltimore set up that "advanced design" division under George S. Trimble. It is a shift from nuclear physics to vortexian physics and a recognition of the all-pervading ethers controlling and sustaining all physical matter -- and from which come the space ships and the beings who were and are the primary subject of this talk. Since 1946 BSRA has said that the UFOs are mental constructs from another realm. Let's stretch our minds a bit more.



## "PHYSICAL FOUNDATIONS OF PSI PLASMA"

Highlights From Chap. 11, From Dr.  
Andrija Puharich's "Beyond Tele-  
pathy", Doubleday & Company. 1962.

"I have used the word plasma in its original Greek sense of 'form'. . . My usage stems from the observed fact that the individual experiencing a mobile center of consciousness feels directly, and often observes his form as being that of a normal human body."

Here Dr. Puharich is referring to the personal experience of many people who have experienced self-awareness outside of their physical bodies, and they have turned and seen their body, apparently lifeless on bed or couch, as an objective form.

". . . This is perhaps the only level at which we have any idea as to the nature of the psi plasma. . . We can conjecture that psi plasma in some unit form begins with the simplest atomic structure -- hydrogen; or that it awaits the appearance of life itself, that is, at the single-cell germ plasma stage of biological existence.

"We have seen that a mobile center of consciousness as a nuclear mental entity has all the characteristics that we ascribe to mind. These include perception, feeling, association, reasoning, memory and even the creation of ideas. . . Therefore it would be most profitable to begin our inquiry by trying to understand the interaction of our own mind with our own physical body. . . sensations of the physical world come through our special sense organs. . . by the nervous system which consists essentially of pulses of electricity. . . The result is a conscious sensation of something that exists outside of us.

". . . It takes about 100 to 150 photons of blue-green light hitting the surface of the eyeball to get the minimal sensation of light. . . (but only) approximately six to eight photons actually hit the receptor elements in the retina to give the minimal sensation of light. . . Here the mind perceives the sensation of one pinpoint of blue-green light. . . The nervous system and the receptor organs are stable for energies below 10-11 ergs; and conversely any energy that exceeds this critical limit will excite a sensation.

### THE EIGHT-ELECTRON VEIL BETWEEN WORLDS

"What does this mean? We can say that this amount of energy is required to open the door of the senses. . . the barrier between the physical world and the mind consists of six to eight electrons, or about 18 electron volts. This is the strength of the wall that keeps out the sights and sounds of the world around us."

Or to put it the other way, this is the barrier that prevents most of us from seeing Flying Saucers in their natural realm, the Etheric!

"What is the relation between the electronic neural events and the objects of our sensation? In order to evaluate this problem we have to take up an elementary concept of physics, the idea of group waves. The fundamental relativistic postulate states that no material particle can exceed the velocity of light. Accompanying every motion of a physical particle or wave, there is believed to be another wave which has been called the pilot wave. (In Footnote 3 Puharich writes: For a simplified explanation of group waves see: Sir Oliver Lodge, 'Beyond Physics', Greenberg, New York, 1931, pp. 115-49. For the application of the pilot wave concept to biology see: Gustav Stromberg, 'The Soul of the Universe' McKay, Philadelphia, 1948, 2nd Ed., p. 42 et seq.)

"The pilot wave,  $u$ , whose velocity is always greater than the velocity of light,  $c$ , we shall equate with the psi plasma and the mind. This leads to our first postulate: The velocity of psi plasma is always greater than the velocity of light.

"A consequence of this postulate is that we would expect under the conditions of normal consciousness to find the pilot-wave velocity,  $u$ , approximately equal to the velocity of light but always slightly greater than it. . . the stronger the coupling between the pilot-wave (psi-plasma fields) and the physical fields of the body -- the condition of normal awareness -- the more equal would we expect to find the velocities of  $v$  and  $u$ . We can calculate these velocities from the normal conduction velocity of nerves (which is approximately 120 meters per sec.) This shows that with this speed of propagation of the nerve impulses the velocity of  $u$  (mind) is slightly over that of the velocity of light. However, if we calculate what happens in the advanced Yogin (in deep trance as a result of rhythmic breathing, RHC), we find that the induced decreased frequency of biological rhythms, and therefore the decreased velocity of the mass wave associated with the electron, namely  $v$ , leads to a marked increase in the value of  $u$ ; the velocity of light is exceeded by a large factor. If this hypothesis is correct, we begin to see some of the simple conditions underlying the ritual of the irrational which lead to the control and manipulation of the psi plasma."

And we say also the control and manipulation of matter as consciousness, backed by a trained Will, comes down the scale of tangibility. As we see it, this would include contra-gravity and/or the "Time Machine" effect dramatized by H.G. Wells.

#### THE PROBLEM OF THE RELATION BETWEEN THE TWO WORLDS

"We will describe the four domains of nature to encompass a hypothetical solution. We begin with the theory of Dirac' (Margenau, Henry, and Lindsay, Robert Bruce, 'Foundatinns of Physics', Dover, New York, 1957, pp. 501-14.) that the metrical physical world (material system) exists in the positive energy state. Here exist the particles and waves of physics -- the electron, proton, quantum, radiation, etc. This is the first domain.

"Polar to this metrical positive-energy state (Dirac originally theorized, and it was later proven), there is a negative energy state whose energy and particles are opposite to the electron, proton, etc.

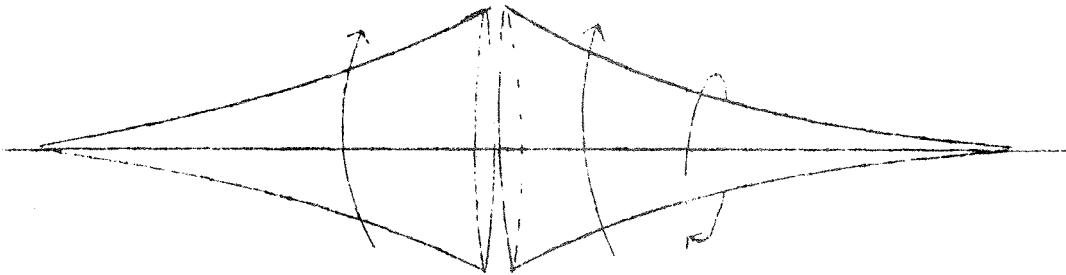
Here exist the positron, the antiproton, etc. This is a very queer world where everything works in reverse when compared to our common-sense notions. This is the second domain.

"Dirac has stated that the positron emerges out of the negative energy state. The negative energy state is beyond measurement, but it is mathematically shown to exist. . . Where does mind enter these transactions between the positive and negative energy states.

#### THE CONNECTING ETHER BETWEEN ASTRAL AND PHYSICAL

"I want to present a simple geometrical picture of these two domains, and these in turn necessitate two more domains. Let us begin with the fourth domain, which in the nineteenth century was called the aether. Let us imagine that the aether is a cosmic fluid and we will henceforth refer to it as the plasma. In the beginning the plasma was at absolute rest. Not a ripple, current, or motion stirs in this vast body of plasma -- the fourth domain.

"Then, by means unknown, the plasma is set in motion. How the plasma was set in motion is not our problem here. Our problem is to define the kind of motion. I choose to go along with the nineteenth-century physicists, who described this motion as a vortex. This vortex of the plasma is our third domain. Let us picture this vortical motion in the trumpet form of a whirlpool in water, or a cyclonic twister in the air. Better still, let us combine the two, and picture two straight trumpet horns placed bell to bell, or two funnels placed mouth to mouth. This shape is called the PSEUDOSPHERE.



"Let us place a number of such pseudospheres parallel to each other and all spinning. In order for the spin to continue we will find that only alternate pseudospheres will spin in the same direction, the ones in between will have an opposite spin. Let us consider only one set of pseudospheres -- those which spin in a counter-clockwise direction as we view them from above.

"Since these are vortices, they pull everything into them by a powerful centripetal force. This would leave spaces between the pseudospheres and this would not be permissible. We surmise that the centripetal force is so great that the other set of pseudospheres (going clockwise) are drawn toward the first set. The nature of the vortical action and pull of the first set is such that it will break up the plasma of

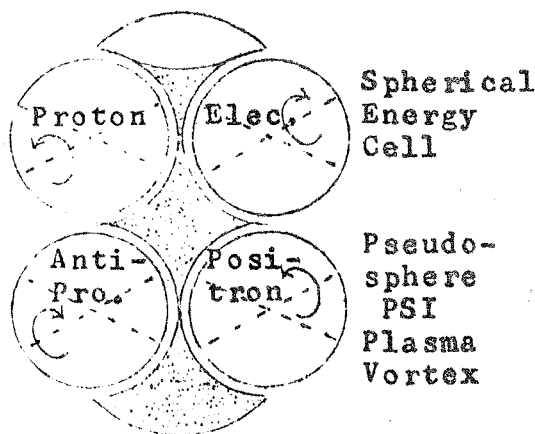
the second set into a group of spherical bubbles. We often see such bubbles attracted around a whirlpool. The spheres thus formed, we now find, will neatly fill up all the space between the pseudospheres. The vortical spin of the pseudospheres will place these spheres into a spin whose axis is at right angles to the axis of the pseudosphere. (See Sir Edmund Whittaker, 'History of the Theories of Aether and Electricity', Philosophical Library, New York, 1951, Vol. I, Chap. VIII.)"

Refer back to Besant and Leadbeater's visual description of atoms on page 31 and you see a confirmation of the above hypothesis. There is agreement also in Puharich's drawing of atomic structure.

#### VORTEXIAN PHYSICS IN "BEYOND TELEPATHY"

"The space that existed around the first set of pseudospheres is most symmetrically filled by placing four spheres on the upper rim (the bell of the trumpet) and four spheres below it. (Fig. 7, Appendix F.) We can give a name to each of the four spheres on the upper side -- electron, proton, neutron, and neutrino. We imagine that the pseudosphere rotates, but that in reference to its axis the spheres spin in one place like a top. If we analyze the spin of the four spheres we

#### POSITIVE ENERGY STATE



find that the electron (nearest us) spins counterclockwise and has a negative charge; opposite (farthest from us) is the proton, which in reference to the electron has an opposite spin and a positive charge. Between the electron and the proton (on the right side) is the neutron, and it spins toward us and has no charge; opposite the neutron is the neutrino, and it is spinning away from us and it has no charge. These are the basic particles of the first domain, the metric domain of physics -- a positive energy state.

#### NEGATIVE ENERGY STATE

"Below these four spheres we have four opposite spheres spun by the underside of the rim of the pseudosphere. We immediately see that each of these is spinning in a direction opposite to the one above it, and therefore will have an opposite charge. These particles are respectively the 'positron, antiproton, antineutron, and antineutrino. This is the negative energy state of Dirac, the second domain. The energy of these particles is determined by the number of spins per second imparted by the vortical motion of the pseudosphere, which we will now call the psi plasma. . . Paradoxically, unlike the angular velocity on a trumpet horn, on a pseudosphere the spin will be less as the sphere goes down and out, and higher as the sphere goes up and closer to the axial center. As the sphere spin decreases it will give up its loss of energy to the psi plasma in little

ton, antineutron, and antineutrino. This is the negative energy state of Dirac, the second domain. The energy of these particles is determined by the number of spins per second imparted by the vortical motion of the pseudosphere, which we will now call the psi plasma. . . Paradoxically, unlike the angular velocity on a trumpet horn, on a pseudosphere the spin will be less as the sphere goes down and out, and higher as the sphere goes up and closer to the axial center. As the sphere spin decreases it will give up its loss of energy to the psi plasma in little

packets, or quanta of energy. Thus the relation between psi plasma and particle remain constant at  $c^2$ .

#### RELEASE OF RADIANT ENERGY

"If the electron sphere falls too far down it will enter the spin field of the positron, and since their spin is in opposite directions, all spin will be stopped by this collision. The loss of spin converts this rotatory motion into a linear wave motion, the gamma radiation.

"If the sphere ascends higher on the column of the pseudosphere, its spin increases. The gain of energy is a gain in quanta of energy from the psi plasma. Thus we see that an energy exchange between the psi plasma and the particles can occur in quantal units in the form of radiation. Whether a particle ascends or descends the column of the pseudosphere is dependent on a certain twist, or torque, that occurs in the psi plasma itself. An increased twist raises it. This twist expresses the fundamental relation between the third domain (psi plasma) and the second and first domains (negative and positive energy states). The degree of twist is usually expressed in physics by the frequency of the radiation exchange between domain Two and Three.

". . . The important point to remember is that all exchanges of energy in the physical world are governed by the psi-plasma properties. And we further postulate that the psi plasma records and in a sense remembers every such transaction.

#### RELATIONSHIP BETWEEN PSI PLASMA FIELD AND PARTICLE FIELD

"We can best visualize the electron as a small sphere with a needle placed through the diameter, and the electron spinning on the point of the needle very much like a top. We recall that the axis of spin is at right angles to the axis of the psi-plasma vortex. The electron axis itself can be considered as a magnet with the top portion of the needle being the north pole and the bottom portion being the south pole. Therefore not only is the electron a spinning top but it is a tiny magnet. . . In addition to its properties as a magnet and those of total angular momentum the electron has a fixed electrical charge. . . The various motions of the electron in space give rise to electric and magnetic fields that radiate from the electron. . . One of the relationships of great interest to our inquiry is that which exists between the magnetic moment (the magnet spin properties of the electron) and its total angular momentum. A. Schuster has proposed a general equation that relates the value of these two quantities which holds as well for large planetary masses as for the particles of physics. This equation can be written thus:

$$G_c = c^2 \left( \frac{P}{U} \right)^2 B$$

"This equation shows that the gravitational constant,  $G_c$ , which is a universally present weak field force, is a resultant of the proportion between  $P$ , the magnetic field moment, and  $U$ , the angular momentum (this ratio is multiplied by the velocity of light squared, or  $c^2$ ). According to Einstein, the gravitational constant is a tensor. . . .

the essential property of the tensor is such that any change in the tensor is immediately reflected by a change in the total system around it, proportionate to the change in the tensor."

Sounds to me like the good doctor here is saying that tensor is another word for mind. Certainly, Einstein found the quantum mechanics of nuclear physics rather distasteful. His Unified Field theory turned away from a universe developed merely by chance; for he said, "I cannot believe that God plays dice with the cosmos." To me this shows that Einstein believed in a Mind as the guiding force of the universe, and Puharich's chapter on "The Physical Foundations of Psi Plasma" is, in my estimation, a successful attempt to establish a mathematical basis for Mind over Matter. But we don't have time or space here to go into all the math Puharich offers in Chapter 11 and the footnotes and appendices. This is necessary for the technicians like George Trimble of Martin, who must develop contra-gravity powered space ships; but not for philosophers interested in Astral projection or levitating their own bodies.

#### CHANGE TIME AND YOU CHANGE GRAVITY

To continue from page 183 of "Beyond Telepathy": ". . . The tensor expresses a constant relationship between the vortical psi plasma and the mass of the particle it governs. The critical factor which can change the value of the constant is the period, T. (time).

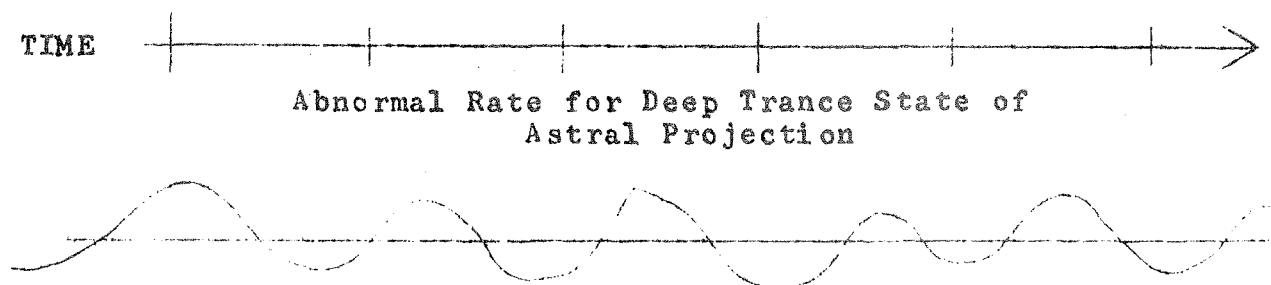
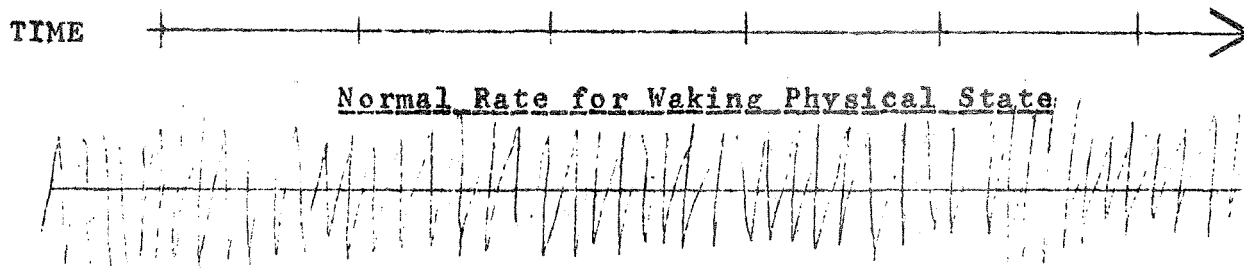
"We can check this equation by slightly rearranging it to show that the velocity of light is also dependent on the same relationship. If we apply this equation to an electron present in the plasma membrane of the nerve we can use known and accepted values in order to compute whether or not there is a possibility of changing the value of the gravitational potential in this small volume. If we carry out such a computation, leaving  $c^2$  and P, the magnetic moment, constant, then any change in the gravitational potential must be due to changes in the angular momentum, U."

The three factors in angular momentum as he describes it, Planck's constant, angular velocity of spin around the axis of the electron which would be the number of revolutions per second. The product of these two gives the potential energy. He then multiplies this by T, time, or the duration of one nerve pulse to give him "the total angular momentum of the electron during a given time period". He gives the time value of a single nerve pulse at 400 pulses per second and multiplies this by a spin speed for the electron of  $8.08 \times 10^{19}$  cycles per second.

". . . we get a value for U. This result for U will give us a satisfactory numerical value for both the velocity of light, c, and the gravitational constant,  $G_c$ . If we examine the relationship between the total angular momentum and the magnetic moment a little further, we will see that within one electron the relationship between P and U will remain constant as a result of the gravitational tensor. However, if we examine the relationship between the magnetic moment of a proton in the nucleus of a potassium or oxygen atom present in the nerve plasma membrane, and an ionic electron whirling around it, we will see that it is possible to get a significant change in the value of the gravita-

tional constant. This change, we will find, is principally a function of the period or duration of the nerve impulse. It immediately follows that as the rhythm of the nerve impulse decreases, its time period increases."

#### COMPARATIVE NERVE IMPULSE RATES



In the two preceding chapters of "Beyond Telepathy", "Yoga, The Psychology of Autonomy", and "The Biological Foundations of Psi Plasma", Dr. Puharich has already established the validity of a definite change of consciousness brought about through the rhythmic breathing of the yogin. One of his main sources of information is Kevoor T. Behanan's "Yoga, A Scientific Evaluation", The McMillan Company, New York, 1937. Behanan, a Hindu, learned his breathing techniques in India and cooperated with professors at Yale in lengthy laboratory tests to establish a statistical basis for evaluating rhythmic breathing as a means of gaining conscious mental control over the body. If I understand the good doctor correctly, gravity at work in each cell of our bodies helps to hold consciousness in the body. Time is an essential item in the gravity equation. Change time and you change gravity. Our crude diagram above helps to illustrate this time change in the nerves. When the change is great enough, consciousness escapes the physical tomb. Of course this also happens every time you go to sleep!

"The normal value of  $2.45 \times 10^{-3}$  seconds for a nerve frequency of approximately 400 cycles per second drops to a period of 0.125 second for a frequency of 8 cycles per second. The net result of such an increase in the duration of the time period as a result of a drop in frequency will be a lowering of the force of the gravitational potential within the volume of the electron."



Puharich admits that this is "an extremely radical conclusion" but throws in several more paragraphs of math to back himself up. Here are a couple of pertinent quotes: "We further calculate that an increase of acidity, dehydration and dielectric constant, which occurs during the ritual of the irrational (of the yogin and the kabalist), results in a decrease in the effective thickness of the plasma membrane (of the nerve) which can reach a value limited by the diameter of the oxygen molecule, namely 2.2 Angstrom units, or  $2.2 \times 10^{-8}$  centimeter. When we calculate the electric field intensity surrounding a single potassium ion under these conditions, we find that it can reach the enormous value of approximately 3.6 million volts per centimeter. . . The high electric fields plus the slow nerve frequency will result in a lowering of the gravitational potential in the decreased thickness of the plasma membrane of the nerve.

"We know that every physical particle has a physical field surrounding it. This physical field (magnetic, electric) has a certain strength of coupling to the particle which we postulate is determined solely by the value of the gravitational constant. This physical field in turn is coupled to its isomorphic, although not necessarily identical, psi-plasma field. Therefore any lowering in the gravitational potential around the particle will also lower the coupling of the physical field to the psi-plasma field. Such decreased attraction will allow the psi-plasma field to expand. . . The postulate can be briefly stated as: Psi-plasma fields are coupled to physical fields by a gravitational force governed by the value of the universal gravitational constant."

Puharich then says, "We are now in a position to analyze the problem that this chapter began with: the mystery of how an event in the physical world becomes faithfully portrayed in the human mind." But our own interest in Flying Saucers and occult science leads us to put it just the other way: How is a mental state or power faithfully portrayed in the physical world? And we believe Dr. Puharich has pioneered a postulate which allows for a logical explanation of the materialization and dematerialization of UFOs -- through mental control of matter from the Ethers, as postulated by BSRA. He also points the way toward contra-gravity control of our future space ships, free of the need for rocket power.

Of course there is a tremendous difference between the organic matter of our physical bodies, ready to respond to our will, and the inert, inorganic metal and fabric of a space ship. Our space scientists, disdaining the power of the mind through ignorance, will concentrate on some electronic means of altering and slowing down the time-rate -- and thus the gravitational constant -- of the atoms making up the materials of our space ships. They'll do it, as Bendix engineer Murtaugh predicted in February 1965. In fact it's already been done, by a Navy technician experimenting with deGaussing equipment in 1943. There was a brief flurry of publicity in October of that year about a radical new way of "camouflaging" Navy ships at sea, causing them to disappear -- up the scale of tangibility? -- but unexpected and unpredictable side effects on members of the crew apparently forced cancellation of the project.

## THERE IS NO SPACE IN SPACE

Because of their predominantly mental approach to matter, and to space, space travel problems do not exist for the Etherians as they do for us. There is no time and space in space. Space scientist Dr. Hubertus Strughold suggested this a few years ago in a public interview with news reporters, saying that it might not be necessary to take great supplies of water, air and food on the long trips to Mars and Venus -- because it wont take any time to get there!

I think Dr. Strughold is in on the secret of Mind over Matter. Time and Space are only human concepts, relative to our very limited position on a fixed spot like a planet, as Einstein tried to show us in his Unified Field theory. In the Foreword to his book, "Beyond Telepathy", Dr. Puharich says: "The nature of the individual mind is such that potentially every nook and cranny of the world can be reflected in it, and there are ways and means to experience this."

So the Flying Saucer of the Etherian, being essentially a thought-form, will go wherever he thinks it should go. That wouldn't take much time, would it. But we in the flesh cant change our minds so readily; so we cant change our bodies; this is why most of us are sick. We are the victims of our fixed, mistaken ideas. Obviously, the visiting Etherian has much better mental control and mental adaptability than we do. He has only to change his mind to change his vibration, and so change his location. Suddenly he is penetrating our atmosphere or our seas, but there is no crossing of space. He operates by mental means.

He isolates a cube of space. He gives it desired form. He loads it with equipment. Then his ship is "deposited" at the location where he wants it to operate, at this physical level. Now, to get certain things done in this three-dimensional continuum we call the earth, he has to have a three-dimensional body and a three-dimensional space ship. This is why they come close to the surface and even land, as a solid, three-dimensional body. All they have to do then to change their location is to change there vibration, the "Time Machine" effect of H.G. Wells. From our conventional point of view there was no physical movement, but the inventor's machine disappeared.

## A SAUCER RESEARCHER JOINS THE ETHERIANS

Now for a brief review of M.K. Jessup's experiences after his death in Miami, Florida in 1959. Remember, we referred to his analysis of the difference between magnetic powers and true contra-gravity earlier in this talk. Apparently Jessup committed suicide by breathing carbon monoxide gas from the exhaust of his own car. In this communication published a short while ago by Gray Barker, Jessup says he found himself standing outside his body, in full consciousness, before his body was actually dead. He stood there watching it. He saw his body discovered. By that time it was dead. About that time he was picked up, he didn't quite know how, by a Flying Saucer; for the next thing he knew was that he was inside a circular type vehicle, with a seat all around the inside wall and he was sitting on it. There was only one other person aboard, obviously a human being, the pilot, wearing a tee shirt

and pants. The pilot put the space ship on automatic control, swung around and addressed Jessup by his first name!

The pilot assured him no harm would come to him, "I am just following orders," from men of good will.

Jessup could see the earth outside the ship rapidly falling away from them, at tremendous speed. Yet within the ship there was no feeling of either speed or acceleration. This would be true contra-gravity where the space ship creates its own gravity field. This simultaneously affects every atom and cell of everything on and in the ship.

Eventually the circular window above the circular seat around the inside of the ship grew dark, and darker, until it was totally black outside. Jessup realized they had moved into what would be called deep space. He had no way of knowing how much time elapsed but it was not long.

#### LANDFALL ON VENUS ETHERIA

The window of the spacecraft lightened again and he could see they were descending through what appeared to be clouds or vapor. Suddenly a beautiful planet was spread out below him. The pilot said nothing about where they were headed. He caused the ship to land in the courtyard of a huge building which appeared to be constructed of metallic glass. They were welcomed by three individuals about six feet tall, handsome, dressed in uniform-like costumes of a spun-glass material.

Jessup was invited inside by his hosts, who spoke English well and also addressed him by name. He was offered food, little briquettes of a processed, edible material, also a piece of fresh melon, and a lightly fermented fruit drink. He was told that he had been chosen for a definite role back on earth from whence he had come. This was Venus.

"You can do this work if you want to. You don't have to do it," he was told. "If you do choose to do it, great spiritual rewards will result from it. If you'd rather stay here on Venus and take up other work, you can do that too. There is no use considering a return to earth and your old body because it is dead."

Jessup says he decided to go along with their first suggestion. So I suppose he now is studying metaphysics, occult science, though he didn't say so when he came through at this earth seance in 1963. Much of his work now is concerned with impressing technical and philosophical ideas on the minds of earth scientists. He has been taught how to do this, indeed from beyond telepathy! Wonder if he was overshadowing Dr. Puharich?

Jessup told the people at this meeting on the east coast in 1963: "Some of this work I do not understand yet. A minor work consists of mental contact with an earth scientist who does not realize that such contact exists. He has written a very good book and I believe part of its merit is due to my guidance."

He is still going to school and studying philosophy, learning how to help re-educate the people of earth to get away from these thoughts feelings which tend toward world-wide calamities.

"Where are you now?" asked one of the sitters.

"I am in a state of existence very close to yours."

I take this to mean that Jessup is in one of these higher physical states of etheric matter, just beyond the range of our five senses but still very real, very solid to anyone living in that etheric state.

Jessup was speaking through an entranced medium to a psychic rescue group that wasn't interested in Flying Saucers at all. On this particular night in May 1963 the medium was suddenly taken over by a powerful force which took control of the vocal cords and Jessup began speaking. He wouldn't identify himself by name, by the way. I am doing that in this talk of my own choice. It's a minor matter anyhow. He said that this communication was being done by a technical means which he wasn't fully capable of understanding himself. He knew that he was talking to a small group of human beings on this earth and he did identify himself as a well-known researcher in the UFO field.

"This state of existence is only very slightly removed from yours," he said. "I believe that when the philosophies of earth people are changed for the better, the mere difference in thinking on your part will allow you to tune in on this etheric level where I am now."

If that is all it's going to take to become aware of this other world, it's too much to ask of a lot of people, including those in authority in the United States and in other countries.

"What do the Venusians think about God and religion?" asked a member of the psychic rescue group.

"Man's greatest sacrilege is creating God in his own image. This anthropomorphism is not only ridiculous, it is sinful as cheating your neighbor. You will find more of an approach to deity in your every day living than you will in abstract contemplation or going to church."

This was one of the main things Jessup tried to get across, that if we would shift our philosophical belief and feelings more toward the Brotherhood concept, this would take care of many of our problems, including the threat of being destroyed by atomic bombs. This was asked of him and his teachers didn't seem particularly concerned about it because they felt that they could take care of it, by technology and by an actual improvement of conditions here on the earth. They have great hope for us.

This interesting and revealing information I've taken from Gray Barker's book, "The Strange Case of M.K. Jessup", published by Saucerian Books, Clarksburg, West Virginia. Now in closing I'd like to quote from one of our own publications, "The Coming of the Guardians", assem-

bled and edited by Meade Layne, still available from us at \$3.00 a copy. This information about the Visitors and their space ships was given to us by a member of the Inner Circle, the powerhouse which stands behind and above BSRA on the Inner Planes. This entity identifies himself as Lao Tse, the Chinese sage who earned his reputation as a seeker after Truth over two thousand years ago.

"The Flying Saucers have often come simply in quest of knowledge," said Lao Tse, "just as you make expeditions to far-off places, to the Polar regions or to Central Asia.

"They are not here with intent to interfere in your affairs; nevertheless, if there is another world war, employing nuclear energies, they may be forced to intervene. The release of atomic forces has disturbed their sphere of existence rather seriously.

"Let it be understood that if ever such intervention becomes necessary, it will be wholly impersonal. There will be no taking of sides. It is contrary to the Law, that any one plane should interfere with the process by which another works out its destiny.

"They are vastly your superiors in science -- though every plane has its special forms of development and progress; so that we speak of differences, but not often of superiority or inferiority.

"The Etherians are large people, up to 15 ft. in height. I would say that they belong to the human order of evolution -- that is, you would not call them Devas or Nature Spirits. Yet the great forms you have seen and photographed, in the clouds and on the surface of the earth also, somewhat resemble them.

"You ask why they are now suddenly present in large numbers. I shall tell you. Always, when a civilization, a culture has reached its height and is destined to collapse, the Ethereans have appeared in numbers. They come to make an examination and final record, for their own knowledge, of the status of that civilization -- somewhat as you might do with disappearing tribes and races. And it is true also that they have been alerted and disturbed by your release of atomic energies.

"But all past civilizations and races have had their day and failed in some way, and passed out of earth existence. So with your civilization. The Etherean people came, and observed, and made their historical records then. So they come now."

But always remember, life goes on and on to higher goals. The death of one civilization heralds the birth of a newer and better one!

\* \* \*

BSRA No. 2-F: FLYING SAUCERS ON THE MOON - Mr. Crabb starts off with the premise the moon is an inhabited Flying Saucer base. This is backed up with an analysis of 200 years of astronomical observations of lights and objects on the moon. Illustrations include drawings of certain moon craters which suggest the layout of inhabited communities, and the movement of landed spaceships. The race to the moon will do what the Flying Saucers didn't do, expand the consciousness of the human race. We are in the midst of this revolution now and Mr. Crabb gives some hints as to who will be most hurt and who most helped by this radical change in understanding. The last portion of the talk is given over to an explanation of the Etheric Worlds, and of the occult or hidden side of the moon and its control over the sex life of man. The Archangel of the Moon, Gabriel, is also God of Dreams. Here is a hint as to why the Astronauts experience a "break-off" in consciousness at high altitudes. 41 pages, illustrated. . . . . \$1.25

BSRA No. 2-I: ESP, THE SPACE TRAVEL PROBLEM - And how we'll solve it with occult science! This is Director Crabb's review of the almost insoluble problem of keeping a man alive, sane and well in deep space, as revealed to the press, and given to the San Francisco Interplanetary Club, Sept. 25, 1964. It is insoluble that is, unless the Astronaut becomes practically an Adept in the power of mind-over-matter -- in the honorable tradition of the pagan Kahuna, the Shaman, the Yogin, the Kabalist. Illustrated, 35 pages. . . . . \$1.25

BSRA No. 2-J: FLYING SAUCERS UNCENSORED - Director Crabb here gives a detailed explanation of the UFO landings at Edwards Air Force Base, California in 1954, and the Air Force's launching of an anti-gravity research program in 1955 which now promises a break-through in the 1970s -- if it hasn't already happened! There is a large section, illustrated, on occult chemistry and vortexian physics, on which mental control of gravity can be established. This includes a review of Dr. Puharich's famous chapter 11 on PSI Plasma from his "Beyond Telepathy" book. New and old UFO sightings are illustrated and analyzed. Lao Tse of the Inner Circle tells us why UFOs are here and M.K. Jessup tells of his after-death trip to Venus in 1959 and present work for peace. 49pp. . \$1.50

BSRA No. 2-K: SPACECRAFT FROM BEYOND THE SUN - Continuing his deep probing of the constant presence of the Visitors, for the 10th Annual Northern California Spacecraft Convention, Berkeley, 1966, Mr. Crabb said the UFOs are here to make an examination for the record, of the last days of this Piscean Age civilization. So are the Visitors here to oversee the birth of a new Aquarian Age civilization! This talk is a review of prophetic material about this critical period, 1966 through 2000 A.D. It includes a review of the Coming of the Masters, from Alice Bailey's "Treatise on Cosmic Fire", a trip to Sirius, the central sun of our super-solar system, and the coming of a new Sun into our Solar System, as described to Dino Kraspedon in 1952. 48 pages. . . . . \$1.50

BSRA No. 2-N: WHO FLYS THE SAUCERS? - Are they super-beings? Are they robots? are they humanoids? Or all three? Even the sceptical researchers are now taking a closer look at the life-forms manning the elusive UFOs. They are re-reading the contactee stories for clues as to the identity and purpose of both Visitors and Invaders. These include first-hand accounts of contacts with both Tin-Can and Jelly-Bag type robots, the Men-In-Black, and the advanced Viknor Guardians from Venus -- also the Ashtar Command with its Guide-lines for Space contact. 48 pages, illustrated, 8½x11 mimeo. . . . . \$1.50



## THE JOURNAL OF BORDERLAND RESEARCH

BSRF No. 1 Published by Borderland Sciences Research Foundation, Inc., PO Box 548, Vista, California 92083, U.S.A.

Edited by the Director, Riley Hansard Crabb, Doctor of Metaphysics in the Society of St. Luke the Physician.

The Journal is published six issues a year with the assistance of the Associates, at the Director's home, 1103 Bobolink Drive, Vista. It is printed, 36 pages an issue. The Foundation was incorporated under California law, May 21, 1951, #254263, and has been in continuous existence since then. Address all correspondence to the PO Box. The Journal is included in the Foundation membership of \$6.00 a year. Single copies and back issues of the Journal are now \$1.25 each. If you don't care to join you may receive the Journal by donating \$6 a year or more to the Foundation. The Director's wife, Ms. Judith Crabb, is office manager and Secretary-Treasurer.

PURPOSES OF BSRF: This is non-profit organization of people who take an active interest in unusual happenings along the borderland between the visible and invisible worlds. In the words of the late Meade Layne, founder and director of BSRA from 1946 to 1959: "BSRA publications are scientific in approach but employ few technical expressions. They deal with significant phenomena which orthodox science cannot or will not investigate. For example: The Fortean falls of objects from the sky, Teleportation, Radiesthesia, PK effects, Underground Races, Mysterious Disappearances, Occult and Psychic Phenomena, Photography of the Invisible, Nature of the Ethers and the problem of the Aeroforms (Flying Saucers). In the year 1946 BSRA obtained an interpretation of the phenomena which since has come to be known as the Etheric or 4-D interpretation, and which has not been radically altered since that time. This continues to be the only explanation which makes good science, sound metaphysics and common sense."

The chief present concern of the Foundation is to make this kind of unusual information available as a public service at reasonable cost. Headquarters acts as a receiving, coordinating and distributing center. An important part of the Director's work is to give recognition, understanding and encouragement to people who are having unusual experiences of the borderland type and/or are conducting research in any of the above fields. For consultation on borderland problems, or for Spiritual healing through prayer, write or phone 714-724-2043 for help or for an appointment. Donations and bequests toward Foundation research programs and expenses are welcome.

The 24-page list of BSRF publications is available from Headquarters for 50¢ in coin or stamps. This includes mimeo brochures on borderland subjects, tape recordings of Mr. Crabb's lectures and of members of the Inner Circle, talking through trance-medium Mark Probert. Write to BSRF, PO Box 548, Vista, California 92083 USA.